FINANCIAL EDGE

TOPIC CATALOG

Contents.

01 Topic Areas

TOPIC AREAS

Asset Management

This content provides an overview of key asset management strategies, portfolio management, and regulatory considerations. It equips learners with essential knowledge for effective asset management and informed investment decisions.

Subtopics Include:

- **Investment Strategies**
- **Portfolio Management**
- **Financial Analysis and Calculation**
- **Regulatory and Policy Considerations**
- **Money Market Funds**

In Felix:

26 Playlists

234 Videos

12 Hours 42 Minutes of Content

Investment Strategies

- Active vs Passive Investing
- Alternative Investments
- Alternative Investments Strategies
- Behavioral Finance
- ESG Investing
- Goals Based Investing
- Index Investing
- Intro to Hedge Funds

Portfolio Management

- ESG Integrated Portfolio Construction
- Fixed Income Portfolio Management
- Intro to Asset Classes Intro to Asset Management
- Modern Portfolio Theory
- Portfolio Manager Expert Interview
- Portfolio Performance
- Portfolio Risk
- Portfolio Risk and Return
- Risk Adjusted Measures

TOPIC AREAS

Asset Management

- **Financial Analysis and Calculation**
- Attribution Calculations
- Benchmarks
- Technical Analysis

Regulatory and Policy Considerations

- Investment Policy Statement
- Stewardship and Engagement
- US Regulatory Consideration

Money Market Funds

- Money Market Funds

TOPIC AREAS

Coding and Data Analysis

This content is designed to help professionals in a variety of sectors. Users can upskill on data analysis and visualization using Power BI, Tableau and Python AIas well as SQL theory and practical application.

Subtopics Include:

- AI
- Financial Data Tools
- Python
- Data Analysis and Visualization
- SQL

In Felix:

32 Playlists

371 Videos

11 Hours 20 Minutes of Content

AI

- Introduction to Artificial Intelligence (AI) vs Machine Learning (ML)
- Ethical Principles, Bias and Discrimination
- Data Privacy, Security & Regulation in AI
- Building Ethical AI Systems in Financial Services

Financial Data Tools

- BamSEC Fundamentals
- FactSet Charting
- FactSet – Finding and Extracting Data
- FactSet Workstation
- Felix How to Guide

Python

- Classification Algorithms
- Custom Functions, For Loops, & Conditional Logic
- Data Cleaning and Exploration in Python
- Intro to Python
- Investor Classifier in Python Part 1
- Investor Classifier in Python Part 2
- Liquidity Regressors in Python
- NumPy
- Pandas

Coding and Data Analysis

- Python Objects
- Regression Algorithms in Python

Data Analysis and Visualization

- Cleansing Data with Query Editor
- Customizing Visuals with Power BI
- Data Essentials
- Data Modeling in Power BI
- Getting Started with Power BI
- Power BI for Mac Users
- Producing Effective Dashboard in Power BI Service
- Tableau Vs. Power BI
- Visualizing Data with Power BI Charts

SQL

- SQL - Fundamental Concepts
- SQL - Getting Started
- SQL - Organization Data

TOPIC AREAS

Credit

Learners can understand the nature of, and master technical skills for, services offered by commercial banks.

Subtopics Include:

- **Credit Analysis**

In Felix:

20 Playlists

251 Videos

12 Hours 58 Minutes of Content

Credit Analysis

- 13 Week Cash Flow Modeling Scenarios
- An Introduction to Analyzing Credit Risk
- Building a 13 Week Cash Flow Model
- Business Risk
- Controlling Credit Risk
- Credit Analysis Case in Point
- Credit Risk Overview
- Debt Capacity
- Debt Capacity Challenge
- Distressed Debt Restructuring
- ESG in Credit Analysis
- Financial Risk
- Private Bank Debt Market
- Structured Products Origination

Restructuring

- Legal Restructuring Tools
- Reaching an Agreement
- Restructuring Options
- Restructuring Triggers
- Restructurer Expert Interview
- Signs of Financial Distress

TOPIC AREAS

Financial Literacy Essentials

Introductory content to help diverse functions understand financial services. It also covers large scale economics, financial math practices and how to use common data tools.

Subtopics Include:

- **Foundations of Accounting**
- **Financial Data Tools**
- **Financial Math**

In Felix:

20 Playlists

259 Videos

11 Hours 51 Minutes of Content

Foundations of Accounting

- Accounting Foundations
- Capital Structure
- Cash Flow Statement
- Equity Method Investments
- Financial Accounting Review
- Finding Key Financial Figures
- Income Statement
- Introduction to Full Consolidation
- Non-Current Assets
- Working Capital

Financial Data Tools

- BamSEC Fundamentals
- FactSet – Finding and Extracting Data
- FactSet Charting
- FactSet Workstation
- Felix How to Guide

Financial Math

- Advanced Corporate Finance Investing Decisions
- Financial Math Fundamentals
- Statistics – Analytic Methods
- Statistics – Basic Concepts
- Statistics – Portfolio Statistics

TOPIC AREAS

Industry Specific

This content allows users to dive into specifics for their respective industries.

Subtopics Include:

- Consumer
- ESG
- Banks
- Industrials
- Insurance
- Project Finance
- Real Estate
- Renewable Energy
- Pharmaceuticals
- Oil & Gas
- Technology
- Telecoms
- Chemicals

In Felix:

68 Playlists

1,140 Videos

53 Hours 21 Minutes of Content

Consumer

- Accounting Case Study
- DCF Valuation Case Study
- Football Field Case Study
- LBO Valuation Case Study
- M&A Case Study
- Modeling Case Study
- Synergy Valuation Case Study
- Trading Comparables Case Study
- Transaction Comparables Case Study

ESG

- ESG Integrated Portfolio Construction
- ESG Investing
- ESG in Carbon Markets and Carbon Pricing
- ESG in Credit Analysis
- Stewardship and Engagement

Banks

- Bank Modeling
- Bank Regulations
- Bank Valuation - (28mins. / 15 videos)
- Banking – Financial Statement Analysis - (23mins. / 8 videos)
- Deconstructing a Bank's Balance Sheet - (53mins. / 13 videos)

Industry Specific

- Deconstructing Insurance Financial Statements
- Dividend Discount Valuation
- Expected Credit Losses
- Intro to Banking
- Intro to Corporate Banking

Industrials

- Industrials – Analysis and Modeling

Insurance

- Insurance Industry Overview
- Insurance Regulation
- Life Insurance Analysis
- Life Insurance Modeling
- P&C Insurance Analysis
- P&C Insurance Modeling

Project Finance

- Building a Full Project Finance Model
- Building a Simple Project Finance Model
- Project Finance – Accounting
- Project Finance – Debt, Coverage Ratios & Covenants
- Project Finance – Financing the Project
- Project Finance – Introduction
- Project Finance – Project Finance Returns
- Project Finance – Risk Management
- Project Finance – Structuring the Project
- Introduction to Renewable Energy
- Renewable Energy – Capex
- Renewable Energy - Financing and Loans
- Renewable Energy - Operating Model
- Renewable Energy – Ratios
- Renewable Energy - Tax and Dividends
- Renewable Energy Project Finance Model

Real Estate

- Real Estate – Cap Rates and Other Metrics
- Real Estate – Case in Point

TOPIC AREAS

Industry Specific

- Real Estate – Financing
- Real Estate – Forecasting
- Introduction to REITs
- REITs – Building a REIT Operating Model
- REITs – Capitalization Rates
- REITs – Comprehensive REIT Valuation Model (DCF)
- REITs – Comprehensive REIT Valuation Model (NAV)
- REITs – FFO and AFFO
- REITs – GAAP vs IFRS
- REITs – REIT Valuation

Renewable Energy

- Introduction to Renewable Energy
- Renewable Energy – Capex
- Renewable Energy - Financing and Loans
- Renewable Energy - Operating Model
- Renewable Energy – Ratios
- Renewable Energy - Tax and Dividends
- Renewable Energy Project Finance Model

Pharmaceuticals

- Healthcare – Analysis and Modeling

Oil & Gas

- Natural Resources – Analysis and Modeling

Technology

- Technology Sector

Telecoms

- Telecommunications – Analysis and Modeling

Chemicals

- Chemicals - Analysis and Modeling

TOPIC AREAS

Introductory Courses

Designed to be understand by those with no prior finance knowledge, this content will equip users with foundational knowledge on which to build.

In Felix:

17 Playlists

208 Videos

9 Hours 40 Minutes of Content

- Accounting Fundamentals
- Business Support Functions in Banking
- DCF Fundamentals
- Intro to Asset Classes
- Intro to Asset Management
- Intro to Banking
- Intro to Blockchain and Cryptocurrencies
- Intro to Commodities
- Intro to Corporate Banking
- Intro to Debt Markets
- Intro to Equity Markets
- Intro to Hedge Funds
- Intro to Investment Research
- Intro to Prime Brokerage
- Intro to Sales and Trading
- M&A and LBO Fundamentals
- Valuation Fundamentals

TOPIC AREAS

Investment Banking

This content is designed to help learners understand, and master technical skills for, all services offered by Investment Banks.

Subtopics Include:

- Accounting
- Financial Modeling
- Valuation
- M&A and Divestitures
- Private Equity
- Private Debt
- Venture Capital

In Felix:

138 Playlists

1,616 Videos

93 Hours 9 Minutes of Content

ACCOUNTING

Financial Statement Analysis

- Accounting Case Study
- Accounting Foundations
- Accounting Ratios
- Capital Structure
- Cash Flow Statement
- Earnings Per Share
- Financial Accounting Review
- Finding Key Financial Figures
- Income Statement
- Non-Current Assets
- Working Capital

M&A Accounting

- Introduction to Full Consolidation
- Equity Method Investments

Advanced Accounting

- Deferred Taxes
- Double Taxation
- Forensic Accounting
- Leases

Investment Banking

- Pensions and OPEBs
- Tax Losses
- US Tax Overview
- Valuing Deferred Tax and Losses

FINANCIAL MODELING

- Basic Formatting
- Basic Formulas and Calculations
- Basic Functions
- Divestiture Modeling
- Menu and Shortcut Basics
- Modeling Case Study
- Modeling Challenge
- Naming Cell References

3 Statement Modeling

- 3 Statement Model Editing
- 3 Statement Modeling with Estimates
- 3 Statement Modeling with Iterations
- Building a Model with Complex Balance Sheet Items
- Introduction to Modeling

Cash Flow Modeling

- 13 Week Cash Flow Modeling Scenarios
- Building a 13 Week Cash Flow Model
- Building a Model with Cash Sweep

Industry-Specific Modeling

- Chemicals - Analysis and Modeling
- Healthcare – Analysis and Modeling
- Life Insurance Modeling
- Natural Resources – Analysis and Modeling
- P&C Insurance Modeling
- Technology Sector
- Telecommunications – Analysis and Modeling

TOPIC AREAS

Investment Banking

Financial Forecasting

- Budgeting
- Financial Forecasting for Research
- Quarterly Modeling

Model Integrity and Analysis

- Checking a Model for Integrity and Errors

VALUATION

Valuation Fundamentals

- Equity to EV Bridge
- Return on Capital
- Return on Equity
- Valuation Fundamentals

DCF Valuation

- DCF Challenge
- DCF Fundamentals
- DCF Valuation
- DCF Valuation Case Study
- Present Value of Future Stock Price
- WACC Analysis

Comparables Valuation

- LTM Multiples Challenge
- Multiples Challenge
- Trading Comparables
- Trading Comparables Case Study
- Trading Comparables for Research
- Trading Comps Analysis
- Trading Comps Model
- Transaction Comparables
- Transaction Comparables Case Study
- Transaction Comps Model

Investment Banking

Strategic Decisions

- Company Strategy
- Returning Capital to Shareholders
- Understanding the Corporate Lifecycle

Valuation Analysis

- Football Field Case Study
- Football Field Model
- Investment Recommendations
- Pulling The Analysis Together

Valuation Complexities

- Advanced Valuation Techniques
- Deferred Taxes
- Double Taxation
- Employee Stock Options
- Equity to EV Bridge Complexities
- ESG Investing
- Leases
- Pensions and OPEBs
- Tax Losses
- Valuing Deferred Tax and Losses

M&A AND DIVESTITURES

- Advanced M&A Modeling
- Completion Mechanisms
- Divestiture Modeling
- Earnouts
- M&A and LBO Fundamentals
- M&A Case Study
- M&A Challenge
- M&A Modeling Complexities
- Merger Analysis Cash Deal
- Merger Model
- Synergies Challenge
- Synergy Analysis
- Synergy Valuation Case Study

Investment Banking

PRIVATE EQUITY

Private Equity Fundamentals

- How does a PE Fund Work
- M&A and LBO Fundamentals
- PE Deal Process Documents
- The PE Process
- What is a PE Fund

LBOs

- Advanced LBO Modeling
- LBO Add-On Acquisitions
- LBO Challenge
- LBO Dividend Recap
- LBO Management Incentives
- LBO Modeling Complexities
- LBO Valuation Case Study
- Leveraged Buy Out

Modeling and Analysis

- Carried Interest and Promotion Modeling
- Checking a Model for Integrity and Errors
- Closing Documentation
- Due Diligence
- Financial Forecasting for Research
- Internal Requirements
- Post Acquisition
- Structuring an Acquisition

Expert Interviews

- Private Equity Expert Interview
- Private Equity Recruitment Expert Interview

PRIVATE DEBT

Acquisition Finance and Debt Products

- Acquisition Finance Debt Capacity
- Debt Products – Credit Committee in Banking

TOPIC AREAS

Investment Banking

- Debt Products – Documentation
- Debt Products – Financing Consideration Process
- Debt Products – Financing Instruments
- Debt Products in Private Equity

VENTURE CAPITAL

- Calculating VC Fund Returns
- Capitalization Tables
- Forms of Consideration
- Fundamental Drivers of Return
- Life Cycle of a VC Fund
- SaaS Business Operating Model
- SaaS Key Industry Metrics
- VC Exit Strategies
- VC Valuation Methodologies
- Very Early Stage
- What is Venture Capital Investing

TOPIC AREAS

Markets

This content covers fundamental and advanced topics in financial markets, including capital markets, derivatives, equities, credit markets, and specialized financial topics.

Subtopics Include:

- Introduction to Markets
- Equity Markets and Derivatives
- Fixed Income and Derivatives
- Other Capital Markets
- Securities Services
- Economics
- Options and Structured Products

In Felix:

65 Playlists

813 Videos

66 Hours 16 Minutes of Content

Introduction to Markets

- Capital Markets Fundamentals for Research
- Financial Marketplaces and Prices
- Intro to Commodities
- Intro to Debt Markets
- Intro to Derivatives
- Intro to Equity Markets
- Intro to Prime Brokerage
- Life Cycle of a Trade
- Market Participants Overview
- Understanding the Corporate Lifecycle and Financing Decisions

Equity Markets and Derivatives

- Convertible Bonds
- Equities – Derivatives
- Equities – Markets and Products
- Equity Financing
- Equity Index Futures
- Equity Indices
- Equity Investment Characteristics
- Equity Investment Vehicles
- Equity Swaps
- Exchange Traded Funds (ETFs)
- Index Investing

TOPIC AREAS

Markets

- IPO Modeling
- Market Sectors
- Rights Issues
- SPACs
- Equity Analyst Expert Interview

Fixed Income and Derivatives

- Algorithmic Trading
- Bonds and the Yield to Maturity
- Convertible Bonds
- Corporate Bonds
- Credit Default Swaps (CDS)
- Fixed Income Derivatives
- Foreign Exchange and Commodities
- FX Options
- FX Spot and Forwards
- FX Swaps and Cross Currency Swap
- Government Bonds
- High Yield Debt Instruments
- Interest Rate Risk and Sensitivities for Bonds
- Interest Rate Swaps
- Money Markets
- Repos
- Short Term Interest Rate Forwards and Futures
- Yield Curve Fundamentals

Other Capital Markets

- Algorithmic Trading
- Collateral Management
- Emerging Markets
- ESG in Carbon Markets and Carbon Pricing
- Foreign Exchange and Commodities
- FX Options
- Intro to Blockchain and Cryptocurrencies
- Special Situations

Markets

Securities Services

- Securities Services – Administration of Assets
- Securities Services – Cash, FX and Lending
- Securities Services – Master Record Keeping
- Securities Services – Safekeeping
- Securities Services Overview

Economics

- Macroeconomics – Balance of Payments (BOP)
- Macroeconomics – Fiscal and Monetary Policy
- Macroeconomics – Fundamentals and GDP
- Macroeconomics – Inflation and Unemployment
- Macroeconomics – Indicators

Options and Structured Products

- Intro to Structured Products
- Option Mechanics

TOPIC AREAS

Microsoft Office

This content will help users get to grips with the most used aspects of the Microsoft Office suite, including advanced Excel practices.

Subtopics Include:

- Excel
- Word
- PowerPoint
- Outlook

In Felix:

37 Playlists

311 Videos

16 Hours 3 Minutes of Content

EXCEL

Basic Skills

- Basic Formatting
- Basic Formulas and Calculations
- Basic Functions
- Everyday Excel
- Excel Charts and Graphs
- Menu and Shortcut Basics
- Modifying the User Interface
- Naming Cell References

Data Analysis and Visualization

- Data Extraction
- Database Analysis
- Interacting with Charts
- Sensitivity Data Tables
- Text and Date

Advanced Techniques

- Advanced Formatting
- Exploring a Model
- Goal Seek and Solver
- Scenarios

Microsoft Office

Macros and Automation

- Introduction to Excel VBA
- Objects, Properties and Methods
- Modifying the User Interface
- User Defined Functions, Events and Arrays
- Variables and Looping Procedure

Specialized Functions

- Custom Functions, For Loops, & Conditional Logic

WORD

- Microsoft Word – Common Tasks
- Microsoft Word – Formatting
- Microsoft Word – Inserting
- Microsoft Word – Introduction

POWERPOINT

- Collaborating and Printing
- Slides and Slide Master
- The Ribbon and Quick Access Toolbar
- Working with Animations and Transitions
- Working with Charts
- Working with Images, Icons and Video
- Working with Lists and SmartArt
- Working with Shapes
- Working with Text
- Working with Tables

OUTLOOK

- Outlook Introduction

TOPIC AREAS

Professional Skills

This section covers essential skills for a finance career, including banking tips, brand building, communication, business writing, performance management, delegation, and feedback. It also offers interview preparation and expert insights into finance roles.

Subtopics Include:

- Career Development
- Interview Skills
- Expert Interviews

In Felix:

22 Playlists

198 Videos

5 Hours 36 Minutes of Content

Career Development

- Breaking into Banking: Analyst Tips
- Building your Brand and Career
- Communicating and Presenting Skills
- Developing Your Business Writing Effectiveness
- How to Delegate Effectively
- How to Give Feedback that Works
- How to Hold an Effective Performance Management Conversation
- How to Manage Day to Day Performance
- Venture Capital Expert Interview

Interview Skills

- Interview Simulator (interactive case study)
- Investment Banking Interview Skills
- Private Equity Interview Skills
- Superday Mock Interview with Daniele
- Superday Mock Interview with Knoton

Expert Interviews

- Equity Analyst Expert Interview
- M&A Banking Expert Interview
- Portfolio Manager Expert Interview
- Private Equity Expert Interview
- Private Equity Recruitment Expert Interview

TOPIC AREAS

Professional Skills

- Restructurer Expert Interview
- Trading Expert Interview
- Venture Capital Expert Interview

TOPIC AREAS

Risk Management

This content will help learners understand, identify, and mitigate against, common risks in finance.

In Felix:

13 Playlists

117 Videos

5 Hours 18 Minutes of Content

- Banking Regulations
- Capital and Risk in Banking
- Counterparty Credit Risk
- Credit Risk Fundamentals
- Liquidity Risk
- Managing the Risk I - Due Diligence
- Managing the Risk II - Financial Crime Risk Management
- Market Risk Fundamentals
- Money Laundering Recap
- Operational Risk
- Operational Risk Fundamentals
- Risk and Regulations Fundamentals
- Risk Fundamentals

TOPIC AREAS

Transaction Banking

This content provides a comprehensive understanding of Transaction Banking, focusing on Cash Management and its critical role in corporate finance. Learners will also explore payables and receivables processes, the technical infrastructure supporting cash management, and an overarching framework through The House of Cash Management.

In Felix:

7 Playlists

39 Videos

59 Minutes of Content

- Cash Management – Bank Accounts
- Cash Management – Efficient Global Cash & Liquidity Management
- Cash Management – Liquidity and Finance
- Cash Management – Other Business Flows
- Cash Management – Payables and Receivables
- Cash Management – Technical Infrastructure
- The House of Cash Management

02

Topic Library A-Z

A

- **Accounting Foundations** - Understand the fundamental elements of accounting with this introduction covering simple explanations of the key financial statements, terminology and principles.
- **Accounting Fundamentals** - Understand how each of the three main financial statements integrate together and their individual components.
- **Accounting Ratios** - Accounting Ratios explains why ratios are important and covers the calculation of four groups of ratios: profitability and returns, liquidity, leverage, and assets. This is further explained using four case study companies which are compared both over time and with each other.
- **Acquisition Finance Debt Capacity** - Understand how to assess a company's debt capacity using multiples and cash flows.
- **Active vs Passive Investing** - Active vs Passive Management investigates the differences between active and passive investment management and analysis the arguments in favor of each investment approach, backed up by a number of different academic sources.
- **Advanced Corporate Finance Investing Decisions** - Build a comprehensive understanding of the application and limitations of the predominant approaches to investment appraisal.
- **Advanced Formatting** - Learn advanced formatting in Excel, covering cell styles, conditional formatting, and data validation.
- **Advanced LBO Modeling** - Introducing a buy-out with a detailed multi-tranche financing structure. The transaction happens mid-year, necessitating a stub period. A fully integrated buyout model for the stub period and forecast years is completed with a detailed debt sheet.
- **Advanced M&A Modeling** - Advanced M&A Modeling walks participants through an M&A model, covering deal and financing assumptions, fair value adjustments of target company balance sheet, synergies, cross border transactions, consolidating acquirer and target financials, and analysis of the transaction.
- **Advanced Valuation Techniques** - This session covers the more advanced techniques used in relative and fundamental valuation. This includes the value driver for terminal value, discounting with a variable valuation date, the extended WACC formula, and sum of the parts valuation.
- **Algorithmic Trading** - An overview of algorithmic trading, how it's distinguished from electronic and quantitative trading, and the most commonly used execution algorithms like TWAP, VWAP, and POV.
- **Alternative Investments** - Alternative investments tend to be investments that fall outside of the traditional asset classes of equity, fixed income, and cash, and are often held within portfolios to provide diversification away from these more traditional asset classes. The main alternatives covered are hedge funds, private equity, commodities, real estate, and foreign exchange.
- **Alternative Investments Strategies** - Understand different types of investments including hedge funds, private equity, and venture capital
- **An Introduction to Analyzing Credit Risk** - An introduction to analyzing credit risk.

- **Attribution Calculations** - Exploring performance attribution, the process of decomposing the return generated by a portfolio manager to better understand how they have been able to generate their performance against the benchmark, with the aim of recognizing where their skills lie and adjusting instructions given to portfolio managers for future periods accordingly.

B

- **BamSEC Fundamentals** - Discover how BamSEC can supercharge your analysis of SEC filings and transcripts.
- **Bank Modeling** - Understand the basics of how to forecast and model a bank's financial statements
- **Bank Regulations** - Learn the key objectives and tools used to regulate banks. Calculate the statistics that underpin Basel I, II and III, and discover how banks have been regulated historically and its impact on the industry today.
- **Bank Valuation** - Understand the relationship between growth, risk and returns and their impact on multiples, and explore the correlation between Return on Equity and valuation in the banking sector.
- **Banking** – Financial Statement Analysis - Analyze real bank financial statements to assess the bank's financial position and performance
- **Banking Regulations** - An overview of the banking regulatory objectives, historical evolution of the regulations, and current frameworks of major banking regulations. This includes the evolution of the Basel standards, as well as liquidity and leverage requirements, key US and EU regulations, and stress-testing tools to enhance financial stability.
- **Basic Formatting** - Build organized and presentable models with these essential formatting tools
- **Basic Formulas and Calculations** - Understand how to build formulas
- **Basic Functions** - Understand how to apply basic functions
- **Behavioral Finance** - Understand behavioral finance and the psychology behind investing decisions, covering Heuristic-Driven Biases and Frame dependence.
- **Benchmarks** - Understand how to evaluate portfolio performance using benchmarks, as well as the properties of a valid benchmark and the types of benchmark
- **Bonds and the Yield to Maturity** - Learn the main bond features and terminology used by bond market practitioners.
- **Breaking into Banking: Analyst Tips** - A must-watch video interview for anyone looking to understand what recruiters at the top firms are looking for in new hires, and how you can stand out during your internship.
- **Budgeting** - An introduction to preparing a budget for a simple activity or project.
- **Building a 13 Week Cash Flow Model** - Learn to build a 13-week cash flow model for "SGC Inc", a 200-year-old glass manufacturer in financial distress.

- **Building a Full Project Finance Model** - Modeling the uses of funds in a large project finance model, including a Debt Service Reserve Account.
- **Building a Model With Cash Sweep** - Understand how to build a 3 statement model with detailed debt schedule
- **Building a Model with Complex Balance Sheet Items** - Building a Model with Complex Balance Sheet Items demonstrates how to model the more complex balance sheet items, including associates, leases and foreign currency debt.
- **Building a Simple Project Finance Model** - Modeling the sources and uses of funds.
- **Building Ethical AI Systems in Financial Services** - How to design and implement ethical AI through stakeholder involvement, ethical guidelines, impact assessments, transparency, and accountability. Emphasizes human-in-the-loop systems, auditability, and governance frameworks to ensure trust and fairness.
- **Building your Brand and Career** - Understand how to build your brand with a focused application on managing your career path.
- **Business Risk** - Review the macro, industry and company risk factors a lender needs to consider in their credit analysis of a company.
- **Business Support Functions in Banking** - An overview of the various business support functions typically found within an investment bank's middle office and operations departments, covering each division's roles and responsibilities.

C

- **Calculating VC Fund Returns** - The various ways in which VC fund returns are typically calculated, the strengths and weaknesses of each method, and demonstrates how these metrics are calculated for an example fund.
- **Capital and Risk in Banking** - The impact that regulatory changes have had on the amount of capital that banks have to hold in relation to the risks they face. The range of different capital requirements banks have to comply under Basel rules.
- **Capital Markets Fundamentals** - Learn about the different products traded in capital markets and the role of an investment bank in helping companies maximize shareholders' returns.
- **Capital Markets Fundamentals for Research** - Learn about the different products traded in capital markets and the role of an investment bank in helping companies maximize shareholders' returns.
- **Capital Structure** - Understand and analyze a company's capital structure in detail
- **Capitalization Table** - The purpose of a cap table, defining the concept of dilution, and how a startup company's cap table is set up and impacted with each new equity capital round. As well as the purpose of liquidation preferences and anti-dilution measures and the impact on investors and entrepreneurs.

- **Carried Interest and Promotion Modeling** - Carried Interest and Promote Modeling addresses the profit-sharing arrangement for a fund sponsor within a limited partnership agreement. This playlist focuses on the carried interest calculation, promoted interest, or "promotes", for real estate transactions, and the distribution waterfall to both GPs and LPs resulting from these arrangements. We will look at various calculations involving these topics and use traditional return metrics used to compare them, including IRR, MoM, and splits.
- **Cash Flow Statement** - Understand how to structure and build a cash flow
- **Cash Management – Bank Accounts** - Understand how bank accounts operate
- **Cash Management** – Efficient Global Cash and Liquidity Management - Understand further considerations made in order to build an efficient liquidity solution
- **Cash Management** – Liquidity and Finance - Understand the range of different methodologies used in liquidity structures and solutions
- **Cash Management** – Other Business Flows - Understand how the products and cash management influence one another
- **Cash Management** – Payables and Receivables - Understand how clearing systems and payment instruments dictate the basic building blocks of cash management structures
- **Cash Management** – Technical Infrastructure - Understand the technical infrastructure from both the bank and client side
- **Checking a Model for Integrity and Errors** - Understand how to find errors in 3 statement models.
- **Chemicals - Analysis and Modeling** - What makes chemical companies distinct from other sectors, and applies a range of sector-specific techniques.
- **Classification Algorithms** - Learn about regression problems and five machine learning algorithms used to solve them. Also learn about overfitting and the tools to prevent it.
- **Cleansing Data With Query Editor** - Understand one of the most important parts of the data analysis and visualization process: Cleansing and Transforming the Data. Learn what it is and why it is so important, and how to use Query Editor to perform some key transformations on your data before loading it into your Power BI Report. This module uses Power BI Desktop can only be installed on Windows, the workouts in this module are not applicable for Mac users.
- **Closing Documentation** - In Closing Documentation, we will review the final documentation process and elements that allows for transfer of a private equity target from the vendor to the owner. These documents are instrumental in finalizing the acquisition process.
- **Collaborating and Printing** - How to use the feedback tool in PowerPoint, and the process for printing your presentation using CMYK instead of RGB.
- **Collateral Management** - What collateral is, including the types of collateral, documentation, credit risk, and clearing
- **Communicating and Presenting Skills** - The playlist focuses on unlocking the communicative potential of the learner.
- **Company Strategy** - Shareholder Value Creation focusing on the relationship between ROIC, WACC and growth, exploring investment decisions and financing decisions

- **Completion Mechanisms** - Understand the two main ways of completing an M&A transaction with a focus on the locked box method.
- **Controlling Credit Risk** - Understand the tools a creditor uses to mitigate the risk of capital loss, outlined in the credit memorandum and term sheet.
- **Convertible Bonds** - Understand the characteristics of convertible bonds, as well as IFRS, and US GAAP
- **Corporate Bonds** - An overview of the corporate bond markets and introduces credit spreads and credit sensitivity.
- **Counterparty Credit Risk** - Understand how different trading venues for cash and derivative instruments expose the bank to varying degrees of counterparty risk.
- **Credit Analysis Case in Point** - A case study reviewing Smithy's (a fictitious glass manufacturing company) overall credit risk with a focus on its business risk, financial risk, corporate structure, and debt capacity.
- **Credit Default Swaps (CDS)** - This short, high-level introduction to Credit Default Swaps (CDS) provides a foundational understanding of how CDS work, who uses them, and a brief look at CDS indexes and CDS swaptions, without delving into technical details.
- **Credit Markets and Products** - Understand credit ratings and credit spreads, and how these are affected by shifts in the yield curve. As well as specialist bond types such as puttable bonds, callable bonds and contingent convertible bonds
- **Credit Risk Fundamentals** - Learn how credit risk can be quantified within a bank's risk management division, across various different types of products which expose a bank to credit risk.
- **Credit Risk Overview** - An introduction to the credit risk process.
- **Custom Functions, For Loops, Conditional Logic** - Use stratified random sampling to select proportionate samples from categorical data. Understand the confusion matrix. Build and finalize a machine learning classifier from start to finish.
- **Customizing Visuals with Power BI** - Learn to customize visuals with Power BI, including working with interactive charts, using Drill Down, using the Filter Pane, and editing the interactions.

D

- **Data Cleaning and Exploration in Python** - Learn how to identify and correct errors in categorical variables, eliminate sparse classes, and visualize distributions. Remove unwanted observations, identify and eliminate null values in a dataset.
- **Data Essentials** - Before you start using Power BI to analyze and visualize your data, it is essential to understand how data is stored and structured. This module will teach you some of the basic theories and terminology you will need to know when working with data.
- **Data Extraction** - Understand how to efficiently extract data in Excel

- **Data Modeling in Power BI** - Learn how to model data in Power BI, including how to create a calculated column in Power BI, how to use DAX Functions, and how to use the Data Model view to join tables so you can produce visuals using fields from more than one table.
- **Data Privacy, Security & Regulation in AI** - An overview of privacy risks across the AI data lifecycle. Exploring profiling, consent, and third-party data brokers, and best practices in financial institutions. As well as an overview of major AI-related regulations including the EU AI Act, GDPR, US Fair Lending laws, and MAS FEAT principles. Covering compliance hurdles like explainability, cross-border governance, and model risk management.
- **Database Analysis** - Learn essential Excel tools to efficiently analyze databases
- **DCF Challenge** - Felix DCF Challenge asks participants to do a discounted cash flow using live data from Felix. Numbers are checked using the growth of invested capital as an important metric to get consistent growth in the free cash flow values and in the terminal value. The solution we are giving you is at May 14 2025. Your numbers will look a bit different if you are using live financial data, but your overall conclusion and analysis should be the same.
- **DCF Fundamentals** - Understand how to perform a discounted cash flow analysis.
- **DCF Valuation** - Understand how to perform a discounted cash flow analysis.
- **DCF Valuation Case Study** - DCF Valuation in the Investment Banking Case Study.
- **Debt Capacity** - Understand how to assess a company's debt capacity using multiples and cash flows for the purposes of credit analysis.
- **Debt Capacity Challenge** - The Debt Capacity Felix Challenge playlist guides users through updating a financial model for Charles River Laboratories to reflect new project assumptions, including revenue, EBITDA, and debt-related changes. It culminates in calculating key credit metrics to assess the company's debt capacity using live data from the Felix platform.
- **Debt Products** – Credit Committee in Banking - Lender banks have a credit committee in order to decide whether they provide financing to a specific deal. Understand how they structure this process and the key financial and risk analysis they perform.
- **Debt Products – Documentation** - Understand the documentation requirements for leveraged finance transactions.
- **Debt Products – Financing Consideration Process** - Review the steps you can follow when building up a leveraged finance structure.
- **Debt Products – Financing Instruments** - A review of the key financing instruments used leveraged financing.
- **Debt Products in Private Equity** - Review the key debt products in private equity transactions.
- **Deconstructing a Bank's Balance Sheet** - Understand the composition and detail of a bank's balance sheet
- **Deconstructing Insurance Financial Statements** - Understand the key principals and methods used in insurance accounting
- **Deferred Taxes** - Understand the concept of deferred tax assets and liabilities.

- **Derivative Essentials** - An introduction to derivatives.
- **Developing Your Business Writing Effectiveness** - Develop your writing skills to communicate effectively to your audience and deliver high impact statements.
- **Distressed Debt Restructuring** - Distressed Debt uses a real-world case company to discuss the options for dealing with a company on the brink of bankruptcy. With this playlist explore risk assessment, debt capacity, liquidity analysis, and the process of restructuring debt and valuing a struggling company in Credit Analysis. Looking at various exit scenarios and assessing how to minimize losses to the creditors.
- **Divestiture Modeling** - How to structure a company divesting subsidiary, and how to calculate a set of pro-forma post-divestiture financial statements. Understand the difference between spin-offs, split-offs, and carve-outs.
- **Dividend Discount Valuation** - Dividend discount valuation is a cash flow method of valuing financial institutions. This playlist focuses on valuing a bank.
- **Double Taxation** - Double taxation explores inside and outside basis, sale of shareholding, sale of assets followed by corporate liquidation, double taxation, and stock vs asset deals.
- **Due Diligence** - Due diligence breaks down the different areas of work, the type, and format of work carried out, the various advisors and parties involved in due diligence as well as the objectives of due diligence.

E

- **Earnings Per Share** - Introducing both the basic and diluted EPS calculation as well as reported and recurring EPS.
- **Earnouts** - Explains the concepts of earnouts and deferred consideration. Participants explore the accounting for cash based and equity based earnouts, calculate the present value of deferred consideration and look at real examples of deal earnouts, including how these are disclosed in company financial statements.
- **Emerging Markets** - Understand what drives high economic growth in developing markets and the characteristic differences between these and developed markets
- **Employee Stock Options** - An overview of stock options, their disclosure in company accounts, and important valuation considerations surrounding them.
- **Equities** – Derivatives - Explore the main types of derivatives and how a portfolio manager might use them
- **Equities – Markets and Products** - Understand how equity markets work and the main equity products traded. Including stock exchanges, the IPO process, and the difference between cash equities and delta one products
- **Equity Analyst Expert Interview** - A former Stock Analyst provides insights into their career experiences as well as advice on how to succeed in the research industry.
- **Equity Delta One Instruments** - Explore the mechanics of equity index futures, equity swaps and equity index ETFs.

- **Equity Financing** - An overview of the different equity financing options companies has to fund their growth and operations, with a specific focus on the IPO process.
- **Equity Index Futures** - The mechanics of equity index futures. Understand the concept and specifications of equity index futures, including hedging strategies using simple hedge ratios and beta adjustments, the importance of contract expiration, the futures roll, and the concept of futures basis.
- **Equity Indices** - What an equity index is and how it is used to assess price or total return appreciation, as well as the advantages and disadvantages of market value-weighted equity indices, price-weighted equity indices, equally-weighted equity indices, and fundamentally weighted equity indices
- **Equity Investment Characteristics** - Learn the different characteristics used to divide equity investments.
- **Equity Investment Vehicles** - Understand the different investment vehicles available to investors
- **Equity Method Investments** - Understand how investments between 20 - 50% ownership are accounted for
- **Equity Swaps** - The mechanics of equity swaps. Understand the general mechanics of total return swaps, how to calculate equity swap leg payments, and the accrual method used in equity swap valuation.
- **Equity to EV Bridge** - Understand how to calculate enterprise value from equity value and vice versa.
- **Equity to EV Bridge Complexities** - Learn how to make all of the complex adjustments to a trading comparable valuation.
- **ESG in Carbon Markets and Carbon Pricing** - Understand what carbon pricing is, how the market works and why it matters. Explore internal carbon pricing, project analysis and decisions, and company analysis.
- **ESG in Credit Analysis** - Explore the key ESG issues relating to credit analysis, and how ESG factors impact company financials.
- **ESG Integrated Portfolio Construction** - An overview of ESG portfolio metrics that allow asset owners to understand and judge a portfolio's ESG attributes.
- **ESG Investing** - Understand the two of the main techniques used by ESG investors and learn the key analytical tools and terminology used across the ESG investment community.
- **Ethical Principles, Bias and Discrimination** - Ethical principles guiding AI development and deployment applied to financial contexts such as lending, trading, and insurance. How biases can be introduced into AI systems through data, design, and deployment. As well as practical mitigation strategies such as data audits, inclusive design, and algorithmic transparency.
- **Everyday Excel** - Work confidently and quickly in Excel. Using a case study you will build a budget, calculating the costs for various items, grouping them together, and totaling up. We do all of this using best practice, including column widths, handling hardcoded numbers, formatting, building formulas, copying formulas and formatting, consistent formulas across rows/columns, how to edit a model confidently, and adding checks.
- **Excel Charts and Graphs** - Create a variety of charts in Excel, from column and pie charts to more advanced stock price and benchmarking charts. Visualize your data effectively and enhance your presentations with professional-quality charts.

- **Exchange Traded Funds (ETFs)** - The mechanics of equity index ETFs. Compare index ETFs to mutual funds, understand net asset value (NAV) calculations, and grasp the roles of authorized participants in the creation and redemption process.
- **Expected Credit Losses** - Understand how to apply IFRS 9's expected credit loss model.
- **Exploring a Model** - Understand the Excel tools for greater efficiency when exploring models

F

- **FactSet – Finding and Extracting Data** - How to find and extract key data using FactSet.
- **FactSet Charting** - Learn how to build, format and export interactive charts.
- **FactSet Workstation** - Learn the fundamentals to effectively navigate your FactSet workstation.
- **Financial Accounting Review** - Ensure you understand the fundamentals of financial accounting.
- **Financial Forecasting for Research** - How to build robust forecasts in an operating model, and how to incorporate scenario analysis and benchmarking into the analysis.
- **Financial Marketplaces and Prices** - Two forms of directional risk investors can take and intuitively explains the bid-offer spread and its main drivers. It also explains the difference between exchange traded and over the counter (OTC).
- **Financial Math Fundamentals** - Ensure you understand the fundamentals of financial math and how financial math is used in banking.
- **Financial Risk** - Understand how lenders analyze a company's financial statements to determine the financial risk.
- **Finding Key Financial Figures** - Learn to find key financial figures in a company's set of financial reports.
- **Fixed Income Derivatives** - Fixed Income Derivatives demonstrate fixed income derivatives, including swaps, interest rate swaps, and credit default swaps (CDS)
- **Fixed Income Portfolio Management** - An overview of a wide variety of different portfolio management techniques for active, passive, and liability matching investment strategies. The various objectives of fixed income portfolios and the techniques which can be used to achieve an investor's objectives.
- **Football Field Case Study** - The Football Field in the Investment Banking Case Study.
- **Football Field Model** - Build a football field model.
- **Foreign Exchange and Commodities** - Learn about the foreign exchange (FX) market, factors that could impact FX prices, definitions and quote methodologies, bids and offers, and cross rates. Understand the commodities market, what the main traded commodities are and where they are traded, as well as the spot and the futures market
- **Foreign Exchange and Commodities (FICC)** - Understand how FX and commodities are traded and what drives their market price.

- **Forensic Accounting** - Explore the soft areas of accounting that management can use to conceal corporate distress and the ratios and disclosures that we can use to find evidence of this bias. These forensic accounting techniques are relevant for analysts in investment research as well as those involved in due diligence on corporate finance transactions.
- **Forms of Consideration** - The key investor terms at various stages of VC investment, the types of consideration for equity investments in a priced or unpriced round, as well as, some of the typical clauses or provisions in a VC term sheet.
- **Fundamental Drivers of Return** - The drivers of returns in Private markets. Private markets in simple terms refers to all assets that aren’t publicly listed. We will be looking at equity returns which will drive Venture Capital Funds as well as PE funds and equity asset managers in private markets.
- **FX Options** - Define the mechanics of an FX option, the differences in the way FX option prices are quoted, and the wholesale market trading conventions. Understand the common approach to pricing in the FX option market and look at the risk measures used.
- **FX Spot and Forwards** - The FX spot market structure as well as its conventions and terminology. The concept of FX outright forwards is explained as well.
- **FX Swaps and Cross Currency Swap** - Develop an understanding of the mechanics of FX and cross currency swaps, how they are applied by market participants and why the FX and cross currency basis exists.

G

- **Getting Started with Power BI** - Explore the Power BI Desktop, and learn how to connect to a range of data sources such as Excel Workbooks, CSV, or TXT Files. You will then load the data into a Power BI Report and create some basic visuals from the data. Power BI Desktop can only be installed on Windows, and is not available to Apple Mac users. The video Building Visuals in Power BI using a Mac in this module demonstrates how you can create visuals using a Mac.
- **Global Capital Markets History** - Understand cyclical and secular bull and bear markets, extremes of equity valuation, and equity valuation within market cycles
- **Goal Seek and Solver** - Understand the purpose and application of Excel’s Goal Seek Tool
- **Goals Based Investing** - Goals based investing is an investment approach that focuses on ensuring investors have sufficient funds in their portfolios to ensure future spending goals can be met. This playlist will investigate how goals based investing works, making comparisons to traditional investment approaches.
- **Government Bonds** - Using the US government bond market as an example, gain an overview of the different types of government bonds and the related mechanics as well as the repo market.

H

- **Healthcare – Analysis and Modeling** - Understand the business drivers, key modeling assumptions, and valuation metrics for the healthcare sector.
- **High Yield Debt Instruments** - Understand the differences between investment and sub-investment grade debt products, the different financing products available within sub-IG, the issuance process, investor base, and examples of how each product is used in practical settings.
- **How does a PE Fund Work?** - How does a PE Fund work explains the function and structure of a PE fund. Starting from how a PE fund is set up to how it functions as an investment company.
- **How to Delegate Effectively** - How to delegate work effectively to your staff to reduce your workload and develop your team's confidence and ability.
- **How to Give Feedback That Works** - How to provide balanced, motivational feedback that effectively deals with staff under-performance, corrects ineffectual behavior, and recognizes strong performance.
- **How to Hold an Effective Performance Management Conversation** - How to get the best from performance-management conversations by facilitating a comfortable, open, and productive conversation with staff that enables them to work at their highest level.
- **How to Manage Day to Day Performance** - An overview of what people managers need to focus on, the types of conversations they need to have to ensure they are aware of team performance levels, and the strategies they can use to inspire strong performance and deal effectively with under-performance issues when they arise.

I

- **Income Statement** - Understand the main line items in an income statement, revenue recognition, cleaning operating profit, as well as tax and net income
- **Index Investing** - The various different ways in which indexes can be constructed, how indexes can be used, the role of the index provider, and the potential benefits of index investing.
- **Industrials - Analysis and Modeling** - What makes industrials distinct from other sectors, and applies a range of sector-specific techniques.
- **Insurance Industry Overview** - Understand how an insurance company works and the different types of insurance business
- **Insurance Industry Overview** - Understand how an insurance company works and the different types of insurance business
- **Insurance Regulation** - Explore the regulatory landscape of insurance businesses
- **Interacting with Charts** - An introduction to how Excel VBA code is used to modify and create charts. Chart events allow interactive charts to be built enabling a level of interactivity not possible in the Excel front end alone.

- **Interest Rate Sensitivity for Bonds** - A practical look at interest rate risk and the most common sensitivity measures.
- **Interest Rate Swaps** - The mechanics of IBOR linked interest rate swaps as well as overnight index swaps (OIS), their applications and trading practices.
- **Internal Requirements** - Explore the goings-on within the PE fund during an acquisition process. Covering who is doing what and which deliverables are needed to be completed internally to allow for funding of a deal.
- **Interview Simulator** - An interactive interview simulator following a typical investment banking interview structure. Answer behavioral, competency, and technical questions.
- **Intro to Asset Classes** - Understand and define asset classes, comparing traditional and alternative asset classes.
- **Intro to Asset Management** - The different ways in which asset management companies operate, the impact that differing objectives have on how a portfolio is managed, and the differences between various types of funds, including ETFs.
- **Intro to Banking** - Understand the inner workings of both commercial and investment banks
- **Intro to Blockchain and Cryptocurrencies** - Understand why the emergence of the interest and application of the technology behind the blockchain, i.e, the dynamics of distributed systems. Deep dive into its application in the form of Bitcoin and Blockchain. Explore the possible future of cryptocurrencies and blockchain technology from the perspective of finance.
- **Intro to Commodities** - An introduction to the world of commodities markets. Understand the main traded commodities, their trading venues, and the intricacies of both spot and futures markets.
- **Intro to Corporate Banking** - Understand how Corporate Banking is a core component in today's Bank world. Which areas of a bank are included within Corporate Banking, how different segments operate, and the product suite that is incorporated within Corporate Banking. As well as how Corporate Banking interacts with other areas of Bank.
- **Intro to Debt Markets** - What the main debt products are and how are they classified by market participants. Aspects issuers must consider before raising capital via bonds.
- **Intro to Derivatives** - An introduction to derivatives, forwards and futures, swaps, options, and risks in derivatives.
- **Intro to Equity Markets** - An overview of key equity products and their mechanics. It also introduces the concept of how multiples can be applied to support investment decisions.
- **Intro to Hedge Funds** - Understand the unique characteristics of hedge funds, their history, and their returns performance as an asset class are evaluated. Trading strategies and fee structures are defined along with a discussion of key service providers and high-level fund risk management metrics. Bias, regulation, due diligence considerations, and high-profile fund failures are also explored.
- **Intro to Investment Research** - An introduction to the role of a research analyst, exploring the day to day responsibilities and how research analysts generate investment ideas. The playlist also highlights the key skills required for a successful career as a research analyst.

- **Intro to Prime Brokerage** - A comprehensive overview of the Prime Brokerage industry. The roles and services of Prime Brokers, the trading and settlement ecosystem, securities lending and borrowing strategies, and the evolution of the industry.
- **Intro to Python** - Learn the basics of coding in Python. Starting with calculations, text, dynamic outputs, and variables in code.
- **Intro to Sales and Trading** - Understand what activities are undertaken within the Sales and Trading desk of an investment bank. Explore the various activities and roles carried out by those working within the Sales and Trading division and also dives into OTC and exchange trading activities.
- **Intro to Structured Products** - An overview of structured products, their key features, and the different ways they are used by issuers and investors. Covering the main types of structured investment products, their benefits, and the risk factors to consider.
- **Introduction to Artificial Intelligence (AI) vs Machine Learning (ML)** - The foundational concepts of artificial intelligence and machine learning, differentiates between narrow and general AI, and explores applications in algorithmic trading, credit scoring, and fraud detection. Sets the stage for ethical considerations by examining AI's capabilities and limitations in financial services.
- **Introduction to Excel VBA** - An overview of Excel Visual Basic for Applications and an introduction to the macro recorder. Navigate around the Visual Basic Editor and record and run macros to automate repetitive procedures.
- **Introduction to Full Consolidation** - Understand how majority investments are accounted for
- **Introduction to Modeling** - Learn how to build a simple income statement, balance sheet, and cash flow statement, as well as how to prepare a completed model for handover.
- **Introduction to REITs** - Understand the definition of REITs and how they are structured.
- **Introduction to Renewable Energy** - Renewable Energy technologies, like windfarms, hydroelectric projects, and biomass, are already in use worldwide and a number of newer technologies are also in development. Learn the features of renewable energy projects and the similarities and differences between these and other types of project finance investments.
- **Investment Banking Interview Skills** - Learn how to prepare and get yourself in the very best shape for your Investment Banking interview. Find out what to expect in the interview process, how to make a strong first impression, common interview mistakes, as well as how to handle the multitude of questions you'll be asked and what do post-interview to ensure you give yourself the best chance of success.
- **Investment Banking Superday Mock Interview with Daniele** - Watch Daniele successfully answer a range of technical, behavioral, and problem-solving questions in a mock investment banking superday interview.
- **Investment Banking Superday Mock Interview with Knoton** - Watch Knoton successfully answer a range of technical, behavioral, and problem-solving questions in a mock investment banking superday interview.
- **Investment Policy Statement** - The purpose and function of the Investment Policy Statement and the main components typically included within the IPS.

- **Investment Recommendations** - How analysts develop an established investment thesis and recommendation. Understand the importance of both quantitative and qualitative factors, including the importance of the analyst's valuation and sensitivities, consensus forecasts, potential catalysts, and thesis risks.
- **Investor Classifiers in Python – Part 1** - Understand the business case you're going to model. Perform more advanced data exploration and visualization, and engineer features based on conditional relationships between existing features.
- **Investor Classifiers in Python – Part 2** - Use stratified random sampling to select proportionate samples from categorical data. Understand the confusion matrix. Build and finalize a machine learning classifier from start to finish.
- **Investors, Institutional and Retail** - Understand the different types of investments that might be held by different types of investors, from institutional investors, such as pension plans, insurance companies, and sovereign wealth funds, to individual retail investors.
- **IPO Modeling** - Understand what an IPO is, including the advantages and disadvantages, and the difference between a primary and secondary share sale. Learn how to account for a primary share sale, secondary or a combination of both, pre and post-money valuation, the order of modeling, and introduce spin-offs and split-offs.

L

- **LBO Add-On Acquisitions** - Understand the issues around and how to build an LBO with an add-on acquisition.
- **LBO Challenge** - The LBO Challenge asks participants to build an LBO model using live data from Felix. Participants must incorporate assumptions provided and calculate the internal rate of return (IRR). If the target IRR provided is not achieved, participants must amend the model to boost up the IRR. The solution we are giving you is at May 15 2025. Your numbers will look a bit different if you are using live financial data, but your overall conclusion and analysis should be the same.
- **LBO Dividend Recap** - Understand the issues around and how to build an LBO with a dividend or leveraged recapitalization.
- **LBO Management Incentives** - Why management needs incentives in LBO transactions, how incentives can be counter-productive, and different incentive schemes.
- **LBO Modeling Complexities** - Explore capital structure variations, sale leaseback analysis including a bridge loan, and unitranche. Learn to model the returns to the stakeholders in the deal.
- **LBO Valuation Case Study** - LBO Valuation in the Investment Banking Case Study.
- **Leases** - Understand how operating leases will be treated under US GAAP and IFRS.

- **Legal Restructuring Tools** - An overview of some legal restructuring tools utilized to protect companies from creditors and/or to implement deals. Covering some key legal restructuring tools in the UK (Company Voluntary Arrangements, Restructuring Plans, and Administration) and the US (Chapters 7 and 11 of the US Bankruptcy Code).
- **Leveraged Buy Out** - Understand how to model out a leveraged buyout transaction.
- **Life Cycle of a Trade** - A financial trade does not end with the execution of an order. In fact, the execution is just a starting point for an extensive series of activities. This playlist provides a high-level overview of the different stages of the trade lifecycle and highlights the importance of all involved areas and participants.
- **Life Cycle of a VC Fund** - An overview of a VC fund's structure, exploring the three stages of a VC fund's lifecycle including the objectives and activities of each stage. Understand fee structure as well as how a VC fund can diversify.
- **Life Insurance Analysis** - Understand the key profit drivers for life insurance businesses
- **Life Insurance Modeling** - Understand how to model and value life insurance companies.
- **Liquidity Regressors in Python** - Learn how to identify and correct errors in both categorical and continuous variables. Learn to visualize distributions with and without outliers, removing unwanted observations from datasets, identifying and eliminating null values, and by class.
- **Liquidity Risk** - How banks meet their cash outflow needs. Looking at which assets are liquid, and how liquidity pressures can come about.
- **LTM Multiples Challenge** - This LTM Multiples Felix Challenge will take you through a case study to calculate the EV / LTM EBITDA multiple for a real company using live data. Diluted equity is calculated from basic shares, plus shares from dilutive securities. Then the equity to EV bridge is used to calculate EV. Finally, the last twelve month's (LTM) EBITDA is calculated.

M

- **M&A and LBO Fundamentals** - An introduction to M&A and LBO.
- **M&A Banking Expert Interview** - Meet Shibani Lal, an M&A Banker, and discover what makes a good M&A banker. Learn what the key skills for an M&A banker are, the biggest challenges in deals, industry insights, as well as her top tips for anyone looking for a successful career in M&A Banking.
- **M&A Case Study** - M&A in the Investment Banking Case Study.
- **M&A Challenge** - The M&A challenge simulates a real-world acquisition scenario involving the aerospace and defense sector. Through eight structured modules, participants are guided step-by-step to analyze a strategic acquisition, forecast financials, assess valuation, build a financing structure, calculate accretion/dilution, and identify qualitative risks. The course integrates live data, professional modeling templates, and a focus on strategic thinking to ensure analysts can deliver actionable insights aligned with investment-grade constraints and shareholder value creation. The solution we are giving you is at May 16 2025. Your numbers will look a bit different if you are using live financial data, but your overall conclusion and analysis should be the same.

- **M&A Modeling Complexities** - M&A Modeling Complexities explores tax deduction of options, working capital adjustments, currency issues, and asset step ups and deferred tax liabilities. As well as present value of synergies to premium paid, and return on invested capital.
- **Macroeconomics** – Fundamentals and GDP - An overview of the key concepts in macro and microeconomics, emphasizing the importance of economic performance for investors and issuers of financial instruments. Covering GDP, its calculation, significance, and limitations.
- **Macroeconomics** – Inflation and Unemployment - Gain an overview of policymakers' strategic objectives to maintain a stable and flourishing economy, as well as key concepts such as inflation, its measurement, and the differences between core and non-core inflation. Explore the various types of unemployment and the natural rate of unemployment.
- **Macroeconomics** – Fiscal and Monetary Policy - An overview of the two primary mechanisms policymakers use to steer economic direction: fiscal and monetary policy. As well as the functions of central banks, the distinctions between business and market cycles, and their interrelationship.
- **Macroeconomics** – Balance of Payments (BOP) - Explore the Balance of Payments (BoP) and its crucial role in understanding a nation's economic health. The three main components - the current account, capital account, and financial account - their mechanics, key transactions, and real-world examples. Learn how the BoP remains balanced through double-entry bookkeeping and why sustainable external balances matter for investors.
- **Macroeconomics – Indicators** - An overview of the three main types of economic indicators—leading, coincident, and lagging—along with examples and their uses. Explore how these indicators signal future economic trends, provide real-time insights, and reflect economic changes after they occur, while also considering different market scenarios.
- **Macroeconomics for Financial Markets** - Market prices of financial products are closely linked to broader economic conditions. This session provides a high-level understanding of the macroeconomy.
- **Managing the Risk I – Due Diligence** - High-risk customers and the risk-based approach to financial crime.
- **Managing the Risk II – Financial Crime Risk Management** - All aspects of financial crime risk management, from detection and analysis to mitigation and reporting.
- **Market Participants Overview** - Understand the classification of market participants into buy side and sell side. Identify the different investment styles and techniques applied in investing.
- **Market Risk Fundamentals** - Learn what market risk is within the banking sector and how market risk can be quantified and measured. Market risk for equities and bonds are both considered as well as the concept of Value at Risk (VaR).
- **Market Sectors** - An overview of the different market sectors which describe part of the economy
- **Menu and Shortcut Basics** - An introduction to Excel, how to use the ribbon, accelerator keys, as well as cell navigation, editing, selecting and copying
- **Merger Analysis Cash Deal** - Understand how to analyze an M&A transaction and the impact on the acquirer's financials.

- **Merger Model** - Understand how to model out an acquisition and how to assess the impact on the acquirer's financials
- **Microsoft Word – Common Tasks** - An overview of common tasks carried out in Microsoft Word.
- **Microsoft Word – Formatting** - Understand how to organize and present data in Word
- **Microsoft Word – Inserting** - An overview of the insert ribbon and key tools used
- **Microsoft Word – Introduction** - An overview of the Word layout and most commonly used tools
- **Modeling Case Study** - Modeling in the Investment Banking Case Study.
- **Modeling Challenge** - Using a real company and a partcomplete model, the Felix Modeling Challenge builds a three statement model using consensus estimates from Felix, and then uses industry norms to plug gaps and suggest simplifications. Further assumptions are gleaned from the company's financial statement.
- **Modern Portfolio Theory** - Explore Modern Portfolio Theory and the extension of this concept into the Capital Asset Pricing Model (or CAPM). As well as adjustments that have been made to the Modern Portfolio Theory including Arbitrage Pricing Theory, the Black Litterman approach, and Robust Optimization.
- **Modifying the User Interface** - Modifying the User Interface introduces participants to control tools, dialogue boxes and UserForms in Excel VBA. Control tools, dialogue boxes and UserForms can provide a more user friendly interface for colleagues or clients to interact with your Excel model.
- **Monetary Systems** - Understand the role of central banks in monetary policy, as well as the goals and impact of government fiscal policies
- **Money Laundering Recap** - A comprehensive understanding of money laundering, from its inception through criminal activities to its detection and prevention.
- **Money Market Funds** - Understand the role of money market funds in the financial markets and their main features. Money market fund valuation and key regulatory requirements.
- **Money Markets** - Money markets are often called the "plumbing" of the financial system because they provide the short-term funding that keeps financial institutions and businesses running smoothly. Dive into this essential part of the financial markets to learn about the mechanics of traded products, explore key market conventions, and understand the roles of major participants—discover what makes money markets so critical to global finance
- **Multiples Challenge** - The Multiples Challenge covers the process of preparing a valuation analysis in response to a CEO's inquiry. Covering sector and peer analysis, comparable company review, and valuation using real-time market data in Felix.

N

- **Naming Cell References** - Understand how to name commonly used cells
- **Natural Resources – Analysis and Modeling** - How to analyze and model upstream oil and gas companies and metals and mining companies.

- **Non-Current Assets** - Understand and analyze long-term assets in detail
- **NumPy** - Learn how to split data into training and testing sets, construct model pipelines, perform hyperparameter tuning, and cross-validate alternative models to identify the top performer. These skills are essential for building and validating effective predictive models in machine learning.

O

- **Objects, Properties and Methods** - Understand the object hierarchy in Excel. Explore object properties, or characteristics, and methods, or actions, and how these can be manipulated using Excel VBA.
- **Operational Risk Fundamentals** - Understand the concept of operational risk, as well as the impact it poses to a financial institution. Various different types of operational risk are considered with examples of each type.
- **Option Mechanics** - An introduction to the essential features and pricing dynamics of financial options. A solid foundation in option terminology and structure, along with an intuitive understanding of what drives the option premium. The videos explore common strategies such as protective puts, covered calls, and straddles, showing how different market views translate into practical trading or hedging positions.
- **Outlook Introduction** - Understand how to use Outlook for email, calendar, and task management.

P

- **P&C Insurance Analysis** - Understand the business model of general insurance businesses and key line items in their financials
- **P&C Insurance Modeling** - Understand how to model and value P&C insurance companies.
- **Pandas** - Create your own custom functions in Python. Learn how to repeat tasks through iterable objects using for loops, and incorporate conditional logic using if statements.
- **PE Deal Process Documents** - PE Deal Process Documents walks through all the important formal and legal documents during a private equity acquisition phase. These all play a part in the process that starts with evaluating a target all the way to its acquisition.
- **Pensions and OPEBs** - Understand the accounting for pensions and OPEBs and the impact on valuation.
- **Portfolio Manager Expert Interview** - A Wealth Management Expert provides insights into their career experiences as wells as advice on how to succeed in Portfolio Management.
- **Portfolio Performance** - Approaches to analyzing the performance of a portfolio.
- **Portfolio Risk** - The various different qualitative factors which may cause volatility of returns, or risk, within an investment portfolio.
- **Portfolio Risk and Return** - Portfolio risk and return considers how risks within a portfolio context are typically quantified. As well as the maths behind quantifying risk, including standard deviation, beta, correlation and covariance.

- **Post Acquisition** - Understand what happens to a PE deal once it has been acquired and integrated into a funds' portfolio of companies, with this module. Find out what the monitoring responsibilities are, what involvement does the PE fund have, and how do they exit their deal are all included here.
- **Power BI for Mac Users** - Power BI for Mac Users demonstrates how to create visuals in Power BI using a Mac. Power BI Desktop can only be installed on Windows, and is not available to Apple Mac users. Power BI Cloud Service allows you to create visuals and share with others, and is available online for all users. This video should be used by Mac users to complete the workouts in other Data Visualization and Power BI modules.
- **Present Value of Future Stock Price** - Understand how to calculate today's value based on an estimated future stock price and forecast distributions
- **Private Bank Debt** - Reviews the different debt products banks offer to companies. Includes revolving credit facilities, term loans, and subordination.
- **Private Equity Expert Interview** - A Private Equity Partner provides insights into their career experiences as well as advice on how to succeed in the industry.
- **Private Equity Interview Skills** - What to expect when interviewing with PE funds. Understand what areas PE firms focus on when assessing candidates, as well as the format and content of typical interview processes. Watch live examples of commonly asked interview questions, with answers and feedback.
- **Private Equity Recruitment Expert Interview** - A Private Equity Recruiter provides valuable insights on how to get started in your career in Private Equity; when the right time to move to a fund is, how to find the right fund for you, the interview process, what makes a standout PE candidate and what to avoid in a PE interview.
- **Producing Effective Dashboard in Power BI Service** - Explore Power BI Cloud Service, and learn about the differences between using the Desktop and the Service. As well as how to publish a Power BI Report from the Desktop to the Service and create a dashboard ready for presentation or sharing with an audience. If you are a Mac user, watch the video Building Visuals in Power BI using a Mac in Getting Started with Power BI to follow the workouts and learn how you can create visuals using a Mac.
- **Project Finance – Accounting** - How the accounting works in a project finance transaction.
- **Project Finance – Debt, Coverage Ratios and Covenants** - Modeling different loan amortization methods.
- **Project Finance – Financing the Project** - A project's financing and insurance package.
- **Project Finance – Introduction** - An introduction to project finance.
- **Project Finance – Project Finance Returns** - Calculating the returns to shareholders overview.
- **Project Finance – Risk Management** - An overview of approaching risk management in project finance.
- **Project Finance – Structuring the Project** - Cost terminology in project finance transactions.

- **Pulling The Analysis Together** - Understand how to construct a valuation football field graph
- **Python Objects** - Understand the business case you're going to model. Perform more advanced data exploration and visualization, and engineer features based on conditional relationships between existing features.

Q

- **Quarterly Modeling** - Quarterly Modeling explains how quarterly and half yearly models are constructed and maintained by analysts. Explore the mechanics including the effects of seasonality in quarterly assumptions, and updating models for quarterly and annual results.

R

- **Rates Markets and Products** - Explore the market for government bonds in the US, Europe and Japan. Understand the key products traded, how to calculate bond yields, and explain why the concept of a yield curve is so important to analysts and investors
- **Rates Markets and Products (FICC)** - Understand the main characteristics of bonds and the different types traded in the financial markets.
- **Reaching an Agreement** - The different methods that stakeholders can consider using when trying to strike a deal, touching on aspects such as out-of-court and in-court agreements, pre-packaged transactions, and consensual & non-consensual deals.
- **Real Estate – Cap Rates and Other Metrics** - How cap rates are used in analyzing real estate assets, how to calculate cap rates, common metrics in real estate investing, and cash on cash yield.
- **Real Estate – Case in Point** - Real Estate Case in Point.
- **Real Estate – Financing** - Explore the capital structure of commercial real estate assets, covering debt financing, calculating LTV and LTC, loan amortization, loan sizing, and the equity waterfall.
- **Real Estate – Forecasting** - Understand the types of assets in commercial real estate, measuring real estate, lease types, rental revenues, opex and capex, and how income taxes are accounted for in commercial real estate
- **Regression Algorithms in Python** - Identify common types of Python objects. Learn how to create and manipulate important data structures.
- **REITs – Building a REIT Operating Model** - Learn the steps to building a working REIT operating model.
- **REITs – Capitalization Rates** - Understand how to calculate capitalization rates in real estate.
- **REITs – Comprehensive REIT Valuation Model (DCF)** - Understand how to model a discounted cash flow for REITs.
- **REITs – Comprehensive REIT Valuation Model (NAV)** - Understand how to model the estimated market value of a REIT's total assets.

- **REITs – FFO and AFFO** - Understand how to define and calculate FFOs, AFFOs and straight line leases.
- **REITs – GAAP vs IFRS** - Understand the differences between GAAP and IFRS real estate accounting.
- **REITs – REIT Valuation** - Understand what factors affect REIT valuation.
- **Renewable Energy – Capex** - Before we can accrue revenue or incur operating costs in a project, we need to build the underlying equipment that can generate the power. This is what we call capital expenditure or CapEx, which we will explore in this module, covering build-up of construction costs for the generating assets, grid connections, and other capital expenditure. Using lookup functions to make capital expenditure timings flexible. Building in sensitivities for potential changes in costs. Calculating depreciation of the resulting capital assets.
- **Renewable Energy - Complex model build** - Build a complex renewable energy model in real time.
- **Renewable Energy** – **Financing and Loans** - In a project, we spend money on capital assets before any revenue is earned, so we need to secure funding to bridge the gap between when we are investing in capital assets and when the project begins earning revenue. Projects are usually funded by a combination of equity and debt. In this module, we will explore the concepts of interest during construction (or IDC), circular references, debt amortization, refinancing, and Debt Service Reserve Accounts (or DRSA) in the context of renewable energy projects.
- **Renewable Energy – Operating Model** - Walk through the steps needed to build an operating model for a renewable energy project. Calculating the operating cash flow, using detailed assumptions for revenue and operating costs, including modeling production and sales volumes, using offtake agreements and pricing assumptions, building up other operating costs, and building in efficiency and availability factors.
- **Renewable Energy Project Finance Model** - Build a full renewables model. A first pass through the model will be performed, building up the mostly non-circular elements. The second pass will connect the circular elements and complete the model. Key outputs such as debt ratios and IRR are discussed.
- **Renewable Energy – Ratios** - The two different sorts of cash flow, cash flow available for debt service ("c-fad"), and cash flow available to equity. As well as the mechanics of modeling typical project finance ratios, exploring debt service cover ratio (DSCR), the loan life cover ratio (LLCR), and the project life cover ratio (PLCR).
- **Renewable Energy – Tax and Dividends** - The legal entity that holds the renewable energy investment is typically an ordinary company like any other, and they must pay taxes like any other corporation. This module will provide you with an overview of tax modeling techniques. We will also look at modeling the cash available for distribution and modeling dividends from the project with typical debt covenant constraints.

- **Repos** - Understand repurchase agreements (repos) and their role in financial markets. The general mechanics of repos, the distinction between repos and reverse repos, and the motivations of each party involved. Explore the difference between general collateral and specific repos, learn what it means when 'a bond goes special,' and understand the key features of bilateral and tri-party repos.
- **Restructurer Expert Interview** - Meet Danilo Barreto, an Investment Banker with experience in Restructuring and Leveraged Finance. Learn what the key skills for restructuring are, the biggest challenges in deals, industry insights, as well as his top tips for anyone looking for a successful career in Restructuring.
- **Restructuring Options** - Restructuring options details the major avenues for companies to take, turnaround, asset disposal, and liquidation.
- **Restructuring Triggers** - Although the early identification of signs of distress is very important in the restructuring process, it is crucial to be aware that actual restructuring may only be required when certain events happen. These are referred to as "restructuring triggers" and are the key focus of this module.
- **Return on Capital** - An introduction to return on invested capital, understanding the earnings figure used and how to calculate invested capital.
- **Return on Equity** - An introduction to return on equity, understanding the earnings figure used and the relevant shareholders' equity number.
- **Returning Capital to Shareholders** - Understand how companies return capital back to shareholders through dividends and share buybacks.
- **Rights Issues** - Understand what rights issues are, how to calculate rights issue discounts and issue proceeds as well as look at shareholders' options to take up their rights, sell them, or a mix.
- **Risk Adjusted Measures** - The 4 key risk adjusted performance measures used when assessing portfolio returns
- **Risk and Regulations Fundamentals** - An introduction to the link between the risks that banks face and how banks are regulated. Understand the objectives of the Basel III regulatory framework and how this impacts how much capital banks have to hold.
- **Risk Fundamentals** - An introduction to the main types of risks faced by banks, the impact these risks can have on banks, and how banks might be able to protect against or mitigate these risks.

S

- **SaaS Business Key Industry Metrics** - Define and calculate the key industry metrics for both B2B/SaaS businesses and B2C/DTC startups, as well as, how to interpret the results.
- **SaaS Business Operating Model** - Develop a forecast model for a B2B SaaS Business, describe and calculate the revenue model at various stages of a startup's growth, as well as, the components of SaaS waterfall metrics and the concept of cash burn.
- **Scenarios** - Understand the Excel tools for scenario and sensitivity analysis
- **Securities Services – Administration of Assets** - Understand the definition of assets under administration, and the different services offered by their providers

- **Securities Services – Cash, FX and Lending** - Understand how treasury is involved in the securities market
- **Securities Services – Master Record Keeping** - Understand what master record keeping is, and how the service benefits custodian clients
- **Securities Services – Safekeeping** - Understand one of the core services offered by custodians
- **Securities Services Overview** - Learn the history of custody services and the various industry players involved
- **Sensitivity Data Tables** - Understand the Excel tools for building simple to advanced data tables
- **Short Term Interest Rate Forwards and Futures** - An overview of these financial instruments and their mechanics. You will learn about forward rate agreements (IBOR), including terminology, quotation methods, and the settlement process. The playlist also covers short-term interest rate (STIR) futures, focusing on IBOR and EURIBOR contracts, profit and loss calculations, and convexity adjustments.
- **Signs of Financial Distress** - Signs of Financial Distress details the reasons a company may find itself in distress and the signs that outsiders should watch out for.
- **Slides and Slide Master** - How to add slides and edit the slide master, as well as other considerations to understand before creating your presentations including slide size and guidelines.
- **SPACs** - The SPACs playlist helps explain what SPACs are, how they compare to IPOs, how their funding works, sponsors, shareholders, PIPE investors, pros and cons vs an IPO, fees, returns and shareholder structure post deal.
- **Special Situations** - Understand what it the special situations group is and what it invests in
- **SQL – Fundamental Concepts** - Learn the main syntax rules, string and numeric types used in SQL.
- **SQL – Getting Started** - An introduction to the different data types in SQL, key terms and how the programming language is used.
- **SQL – Organizing Data** - Understand how to organize and filter data with the use of clauses and statements.
- **Statistics – Analytic Methods** - Regressions, Monte Carlo simulations, and interpreting data analysis
- **Statistics – Basic Concepts** - Learn the basic concepts of statistics and its application in finance
- **Statistics – Portfolio Statistics** - Expected returns and standard deviation, covariance and correlation, and probabilities and expected returns
- **Stewardship and Engagement** - Understand the concept of stewardship and engagement in relation to ESG, including the roles that asset managers may play and issues to which engagement may relate to.
- **Structured Products Origination** - Structured Products Origination provides an overview of the process to convert a pool of loans, or assets, into securities backed by the underlying cash flows. Covering the pool of loans, the special purpose vehicle, tranching of the securities, stakeholders in the process, and calculation of returns.

- **Structuring an Acquisition** - In structuring an acquisition we will review how and why legal structures are set up in order for a private equity acquisition to take place in the most advantageous manner from a funding and tax perspective.
- **Synergies Challenge** - The Synergies Challenge walks through the end-to-end process of identifying, estimating, and evaluating synergies in mergers and acquisitions, using Analog Devices' acquisition of Maxim Integrated as a real-world case study.
- **Synergy Analysis** - Synergy analysis helps explain what synergies are, how to calculate annual synergy figures from past transactions, and how to value synergies now using both DCF and multiple methodologies.
- **Synergy Valuation Case Study** - Synergy Valuation in the Investment Banking Case Study.

T

- **Tableau Vs. Power BI** - Compare Tableau and Power BI, two key tools for analyzing and visualizing data.
- **Tax Losses** - Understand the mechanics of tax losses and their impact on the financial statements.
- **Technical Analysis** - Learn how investments are analyzed using price and volume data, as well as how analysts review different market trends in their technical analysis
- **Technology Sector** - The Technology Sector provides a detailed description of the nature of companies operating in the technology sector. What aspect of their business make their operations and financial results different to other businesses. Understand accounting standards that are particularly relevant to technology businesses, and learn how a 5-year forecast for a typical technology business is constructed.
- **Telecommunications** – Analysis and Modeling - Understand the business drivers, key modeling assumptions, and valuation metrics for companies operating in the telecoms industry.
- **Text and Date** - Using text and date functions and best practices
- **The House of Cash Management** - Understand the foundations to building cash management relationships
- **The PE Process** - The PE Process reviews the various elements of a PE acquisition process starting from evaluating opportunities all the way to acquiring them. Including the various steps along the way such as, due diligence and financing, as well as describing who the various players in the process are and what they do.
- **The Ribbon and Quick Access Toolbar** - An overview of the PowerPoint interface and ribbon, outlining key components and tools including the QAT (Quick Access Toolbar) and how to customize this tool. The session will also cover essential shortcuts to improve reliance on using a keyboard when designing presentations.
- **Trading Comparables** - Understand how to value a company using comparable company multiples.
- **Trading Comparables Case Study** - Trading Comparables in the Investment Banking Case Study.

- **Trading Comparables for Research** - Understand how to value a company using comparable company multiples for a role in equity research.
- **Trading Comps Analysis** - Understand how to analyze different multiples and explore their benefits and disadvantages.
- **Trading Comps Model** - Understand how to build a trading comps model.
- **Trading Expert Interview** - Meet Richard Class, former Managing Director in Fixed Income, and discover what makes a great Trader. Learn what the key skills for a Trader are, how to stay up to date, and what sets great traders apart, as well as his top tips for anyone looking for a successful career in Trading.
- **Transaction Comparables** - Understand how to assess premium paid and transaction multiples in company valuation.
- **Transaction Comparables Case Study** - Transaction Comparables in the Investment Banking Case Study.
- **Transaction Comps Model** - Understand how to Model for Transaction Comps.

U

- **Understanding Economic Cycles** - Understanding Economic Cycles explores how to assess comparative and absolute advantages for countries and the impact of trade, a county's credits and debits in international transactions, and how monetary and fiscal policy impacts economic activity
- **Understanding the Corporate Lifecycle and Financing Decisions** - Corporate financing decisions evolve as companies progress through different stages of their lifecycle. Understand the differences between equity and debt financing, the trade-offs of leverage, and how funding sources change from startup to maturity.
- **US Regulatory Considerations** - Understand the fiduciary responsibilities of financial advisors, as well as the role of ERISA, UPMIFA, SEC, and FINRA
- **US Tax Overview** - An overview of the changes to the US tax regime focusing on financial analysis, valuation, and modeling.
- **User Defined Functions, Events and Arrays** - An overview of user-defined functions in Excel VBA.

V

- **Valuation Fundamentals** - Understand the different methods used by analysts to value a company.
- **Valuing Deferred Tax and Losses** - An overview of the changes to the US tax regime focusing on financial analysis, valuation, and modeling.
- **Variables and Looping Procedure** - An introduction to variables and looping procedure, the building blocks of effective and efficient Excel VBA coding. Walk through building looping procedures and their application to automating tasks in Excel.
- **VC Exit Strategies** - How a VC Fund can exit an investment, and the options available for their portfolio investments.

- **VC Valuation Methodologies** - The valuation methods for startups, including at the pre seed and seed stages, series A and Series B.
- **Venture Capital Expert Interview** - Meet Uzma Choudry, PhD, a Venture Capitalist working in tech, bio, and life sciences. Learn about the key skills for VC, how to break into the industry, what to look for in an investment, specializing, her experience in the biotech industry, moving from research to Venture Capital, as well as advice for a successful career in VC.
- **Very Early Stage – Forms of Consideration** - Understand early stage investing at the pre seed and seed stage, particularly looking at how investors manage to invest, including convertible notes, SAFEs and the differences between them, most favoured nation clauses and pro rata rights.
- **Visualizing Data with Power BI Charts** - Visualizing Data with Power BI Charts explores the wide range of chart types in Power BI as well as when and how to use them. If you are a Mac user, watch the video Building Visuals in Power BI using a Mac in Getting Started with Power BI to follow the workouts and learn how you can create visuals using a Mac.

W

- **WACC Analysis** - Understand how to calculate the weighted average cost of capital for valuation purposes
- **What is a PE Fund** - What is a PE Fund reviews the place of PE within Private Markets as well as describes the asset class. As well as what PE funds are as well as their most significant characteristics.
- **What is Venture Capital Investing** - The characteristics of venture capital investing, the various 'value-add' propositions a VC fund can offer, the typical evolution of growth by stage or round of capital from pre-seed to later stages, and the link with risk.
- **Working Capital** - Working capital dives into the balance sheet, exploring current assets and current liabilities, working capital days, and inventory
- **Working with Animations and Transitions** - How to add, edit and layer animations to objects and text in a presentation, and applying transitions to slides.
- **Working with Charts** - How to create and edit a chart from scratch, or import a chart from Excel with automatic updates.
- **Working with Images, Icons and Video** - Inserting and editing an image, icon, or video in PowerPoint, as well as other considerations such as licensing and file types.
- **Working with Lists and SmartArt** - How to create SmartArt in PowerPoint using a list or from scratch, as well as editing the design or format.
- **Working with Shapes** - How to perform basic and advanced formatting to shapes, as well as editing shape structures. This session will also cover associated tools for alignment, layering and grouping shapes.
- **Working with Tables** - How to create and edit a table from scratch or import a table from Excel with automatic updates.
- **Working with Text** - How to format text and paragraphs, using both text boxes and shapes with text. This course will also cover associated tools for adding hyperlinks and equations, and quick tips for applying mass changes to text.

Y

- **Yield Curve Fundamentals** - Gain a solid foundation in yield curve fundamentals, exploring what yield curves represent, the different shapes they can take, and the key factors driving their movements.

# #

- **13 Week Cash Flow Modeling Scenarios** - A discussion of the situations and scenarios where companies can get into cash flow trouble (COVID, bad acquisitions, poor performance, etc.)
- **3 Statement Model Editing** - Understand how to safely edit your financial models
- **3 Statement Modeling with Estimates** - Learn to build a 3-statement model using management and consensus estimates
- **3 Statement Modeling with Iterations** - Understand how to model a 3-statement model and how to deal with circular references
- **Accounting Case Study** - Accounting in the Investment Banking Case Study.

FINANCIAL EDGE

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