BLACKBIRD FOR TRAINING

Financial Modeling Mastery: Forecasting, Valuation & Risk

17 – 21 May 2027
Baku (Azerbaijan)

UK Trainig
PARTNER



Financial Modeling Mastery: Forecasting, Valuation & Risk

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Why This Course

In today's fast-paced financial environment, mastery of financial modeling is a key differentiator for finance professionals. Strategic decisions — from investment analysis and M&A transactions to corporate forecasting — rely on accurate, dynamic, and well-structured financial models.

The Advanced Financial Modeling & Valuation Masterclass is an intensive 1-week program that empowers participants to build, analyze, and interpret complex financial models using advanced Excel techniques. Through practical exercises, real-world case studies, and expert-led sessions, participants will gain the technical and analytical capabilities needed to support high-stakes financial decision-making.

This course is designed for finance professionals seeking to deepen their expertise in forecasting, valuation, mergers and acquisitions, and leveraged buyout analysis — all within the framework of industry best practices.

What You'll Learn and Practice

By joining this program, you will:

- Build dynamic, fully integrated three-statement financial models in Excel.
- Apply advanced forecasting techniques to create precise and flexible financial projections.
- Conduct company valuations using DCF, comparable, and precedent transaction methods.
- Design and evaluate merger and acquisition M&A and leveraged buyout LBO models.
- Perform risk analysis using sensitivity, scenario, and Monte Carlo simulation tools.
- Implement model auditing, validation, and error-checking techniques.

The Program Flow

Day 1: Foundations of Financial Modeling

- Excel modeling best practices, design logic, and efficiency shortcuts.
- Structure and integration of three-statement financial models.
- Linking income statements, balance sheets, and cash flow statements.
- Identifying and building key forecast drivers revenue, cost, and working capital.
- Hands-on session: Building a baseline three-statement financial model.



Day 2: Advanced Forecasting and Valuation

- Revenue and expense forecasting methodologies.
- Working capital, depreciation, and capital expenditure modeling.
- Free cash flow calculation and sensitivity testing.
- Discounted Cash Flow DCF valuation — theory and practical application.
- Relative valuation using trading and transaction comparables.
- Workshop: Performing a complete company valuation using real data.

Day 3: Merger and Acquisition M&A Modeling

- Overview of the M&A process and valuation principles.
- Accretion/dilution analysis and purchase price allocation.
- Synergy estimation and integration modeling.
- Construction of pro forma financial statements post-acquisition.
- Case study: Modeling an M&A transaction between two public companies.

Day 4: Leveraged Buyout LBO Modeling

- Introduction to private equity deal structures and mechanics.
- Building an LBO model step-by-step: sources, uses, and capital structure.
- Debt schedules, covenants, and cash sweep mechanisms.
- Returns analysis IRR, MOIC and exit strategy modeling.
- Sensitivity analysis and scenario testing for leveraged transactions.
- Practical session: Creating a complete LBO model for a target company.

Day 5: Risk Analysis and Advanced Modeling Topics

- Monte Carlo simulations for financial uncertainty modeling.
- Real options valuation and decision-tree analysis.
- Modeling complex capital structures and hybrid instruments.
- Model auditing, stress-testing, and error-checking techniques.
- Capstone Project: Building and presenting an integrated valuation and LBO model.

Individual Impact

- Gain hands-on expertise in constructing advanced financial models from scratch.
- Enhance accuracy, speed, and confidence in financial analysis and valuation.
- Develop analytical skills for complex deal structures and investment scenarios.
- Strengthen your technical credibility as a financial modeling expert.



Organizational Impact

- Improve financial forecasting and valuation accuracy across departments.
- Enhance strategic decision-making with data-driven modeling insights.
- Build internal capability for investment evaluation and M&A support.
- Ensure higher model quality, transparency, and consistency in reporting.

Training Methodology

This program adopts a hands-on, workshop-based approach, emphasizing learning by doing. Participants will build models from the ground up under expert guidance, with immediate application to real-world financial challenges. Learning methods include:

- Step-by-step modeling tutorials in Excel.
- Case studies from investment banking, private equity, and corporate finance.
- Group exercises on valuation, M&A, and LBO analysis.
- Practical assignments with individualized feedback.
- Access to templates and professional-grade modeling tools.

Beyond the Course

Upon completion, participants will be equipped to design, analyze, and present robust financial models that inform high-level financial and strategic decisions. Graduates will return to their organizations ready to implement best practices in valuation, risk analysis, and deal modeling with precision and confidence.

