Advanced Financial Modeling: Building Dynamic Forecasts

3 – 7 May 2027
Barcelona (Spain)



Advanced Financial Modeling: Building Dynamic Forecasts

Ref: 322823_215338 **Date:** 3 – 7 May 2027 **Location:** Barcelona (Spain) **Fees:** 5200 GBP

Course Description

This intensive 1-week course equips finance professionals with advanced Excel skills to build sophisticated financial models. Participants will learn to construct dynamic, flexible 3-statement models, perform valuations, and conduct scenario analysis. The course emphasizes best practices in model design, formula efficiency, and error-checking techniques.

Learning Objectives

- Construct a fully integrated 3-statement financial model from scratch
- Apply advanced Excel functions and formulas for efficient modeling
- Perform sensitivity analysis and create dynamic scenarios
- Build valuation models including DCF and comparable company analysis
- Implement best practices in model design, documentation, and error-checking

Course Modules

Day 1: Foundations of Financial Modeling

- Excel best practices for financial modeling
- Building the income statement
- Forecasting techniques and driver-based projections
- Modeling operating expenses and margins

Day 2: Balance Sheet and Cash Flow Modeling

- Constructing the balance sheet
- Working capital projections
- Building the cash flow statement
- Balancing the model and error-checking

Day 3: Advanced Modeling Techniques

- Debt schedules and interest calculations
- Circular references and iteration
- Scenario and sensitivity analysis
- Data tables and goal seek



Day 4: Valuation Modeling

- Discounted Cash Flow DCF analysis
- Weighted Average Cost of Capital WACC
- Comparable company analysis
- Building summary dashboards

Day 5: Model Application and Best Practices

- Mergers and Acquisitions M&A modeling
- Leveraged Buyout LBO modeling basics
- Model audit techniques and error-checking
- Presenting model results effectively

Practical Wins for Participants

- Build a fully functional 3-statement model from scratch
- Create flexible, dynamic models for scenario analysis
- Construct a DCF valuation model for investment decisions
- Implement best practices for efficient, error-free modeling

