

Advanced Financial Modelling: Excel Techniques for Analysts

2027 00000 4 - 0000 31
Barcelona (Spain)

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The Program Flow

Day 1: Excel Fundamentals for Financial Modelling

- Advanced Excel functions and shortcuts.
- Efficient formula writing and workbook navigation.
- Data validation and error-checking techniques.
- Financial statement analysis basics.
- Introduction to model structure and best practices.
- Formatting standards for inputs, calculations, outputs, and assumptions.
- Practical exercise: Setting up a professional financial model framework.

Day 2: Building the Three-Statement Model

- Income statement modelling and projections.
- Forecasting revenue, costs, margins, depreciation, interest, and taxes.
- Balance sheet modelling and forecasting.
- Working capital, fixed assets, debt, and equity schedules.
- Cash flow statement integration.
- Handling circularity in financial models.
- Workshop: Building a fully integrated three-statement model from scratch.

Day 3: Advanced Modelling Techniques

- Scenario and sensitivity analysis.
- Using data tables to test key assumptions.
- Goal Seek for model optimization and break-even analysis.
- Advanced forecasting methodologies.
- Building flexible and scalable models.
- Structuring assumptions for base case, upside case, and downside case scenarios.
- Practical exercise: Developing a flexible scenario and sensitivity analysis model.

Day 4: Valuation Modelling

- Discounted Cash Flow analysis.
- Forecasting free cash flow and terminal value.
- Comparable company analysis.
- Understanding valuation multiples and market benchmarks.
- Merger and Acquisition modelling.
- Leveraged Buyout modelling basics.
- Workshop: Performing a company valuation using multiple methodologies.

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Day 5: Model Application and Best Practices

- Industry-specific modelling considerations.
- Adapting model structures to different sectors and business models.
- Model audit and review techniques.
- Identifying formula errors, logic gaps, and assumption risks.
- Presenting model results effectively.
- Advanced tips and tricks for model efficiency.
- Final activity: Presenting a completed financial model and key recommendations.

Individual Impact

- Build confidence in creating financial models from scratch.
- Improve advanced Excel skills for finance and business analysis.
- Strengthen forecasting, valuation, and scenario analysis capabilities.
- Develop stronger understanding of three-statement model integration.
- Improve ability to detect errors and build cleaner, more reliable models.
- Gain confidence in presenting model outputs to decision-makers.

Work Impact

- Improve the quality and reliability of financial planning and analysis.
- Support better investment, valuation, budgeting, and strategic decisions.
- Strengthen scenario planning and risk assessment capabilities.
- Reduce modelling errors through better structure, validation, and review.
- Improve communication of financial insights to management and stakeholders.
- Build stronger internal capability in financial modelling and decision support.

Training Methodology

This program uses a practical, hands-on approach focused on real financial modelling applications. Participants will build and review models throughout the course using realistic business scenarios. Learning methods include:

- Guided Excel demonstrations and practical exercises.
- Three-statement model-building workshops.
- Forecasting and assumption development activities.
- Scenario and sensitivity analysis practice.
- Valuation modelling case studies.
- M&A and LBO modelling examples.
- Model audit and error-checking exercises.
- Presentation of model outputs with facilitator and peer feedback.

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Beyond the Course

Upon completion, participants will be prepared to build professional financial models with greater accuracy, structure, and confidence. They will return ready to:

- Create fully functional three-statement models from scratch.
- Perform company valuations using DCF and comparable methods.
- Build flexible models for scenario and sensitivity analysis.
- Apply best practices in model structure, formatting, and error-checking.
- Present financial model results clearly and professionally.
- Use financial modelling as a strong decision-support tool in real business situations.

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