Foundations of Financial Modeling: Building Robust Models

8 – 12 November 2027
Prague (Czech)



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Why This Course

Financial modeling is a critical skill for finance professionals, analysts, and decision-makers who need to evaluate business performance, forecast future results, and assess investment opportunities. Strong financial models help organizations translate complex financial data into structured insights that support strategic planning and informed decision-making.

This comprehensive 1-week program is designed to provide participants with a practical foundation in financial modeling using Excel. Participants will learn how to construct integrated financial models, develop reliable forecasts, and apply valuation techniques used in professional financial analysis. Through hands-on exercises and real-world examples, the course builds the skills needed to create clear, flexible, and reliable financial models for various business scenarios.

What You'll Learn and Practice

By participating in this program, you will:

- Master Excel tools and functions commonly used in financial modeling.
- Build integrated three-statement financial models from the ground up.
- Apply forecasting techniques and sensitivity analysis to financial projections.
- Perform company valuations using widely used financial methodologies.
- Design financial models that are clear, structured, and easy to maintain.
- Apply best practices to minimize modeling errors and improve model reliability.

The Program Flow

Day 1: Excel Fundamentals for Financial Modeling

- Applying essential Excel functions and shortcuts for financial analysis.
- Using data tables and tools for sensitivity analysis.
- Structuring spreadsheets for clear and organized financial models.
- Implementing best practices for model design, formatting, and layout.



Day 2: Building the Income Statement Model

- Developing revenue projections based on key business drivers.
- Modeling operating expenses and non-operating items.
- Incorporating assumptions and financial drivers into the model.
- Conducting scenario analysis to evaluate different business outcomes.

Day 3: Constructing Balance Sheet and Cash Flow Models

- Applying balance sheet modeling techniques.
- Developing working capital and fixed asset schedules.
- Building a structured cash flow statement within the model.
- Balancing and troubleshooting a complete three-statement model.

Day 4: Advanced Modeling Techniques

- Building debt and interest schedules within financial models.
- Managing circular references and iterative calculations.
- Applying advanced forecasting methods for financial projections.
- Conducting sensitivity and scenario analysis to evaluate risks.

Day 5: Valuation and Model Integration

- Applying Discounted Cash Flow DCF valuation techniques.
- Performing comparable company analysis.
- Building basic models for mergers and acquisitions M&A evaluation.
- Auditing and testing financial models to identify potential errors.

Individual Impact

- Strengthen financial analysis and modeling capabilities.
- Improve proficiency in Excel for financial applications.
- Develop practical skills in forecasting and valuation techniques.
- Gain confidence in building structured financial models for decision-making.

Work Impact

- Improve the quality and accuracy of financial planning and analysis.
- Support better investment and strategic decision-making.
- Enhance financial reporting and forecasting capabilities.
- Increase efficiency in financial analysis and modeling tasks.



Training Methodology

This program focuses on practical learning to ensure participants gain hands-on experience in building financial models. Training methods include:

- Interactive demonstrations and guided Excel exercises.
- Real-world case studies in financial modeling and valuation.
- Step-by-step model-building workshops.
- Financial forecasting and valuation simulations.
- Practical templates and tools for professional financial modeling.

Beyond the Course

By the end of the program, participants will be able to:

- Build fully integrated three-statement financial models.
- Develop financial forecasts based on structured assumptions.
- Perform company valuations using standard financial methodologies.
- Apply best practices to create reliable, efficient, and professional financial models.

