

# € TRAINING

Financial Analysis with Modeling and  
Forecasting

A group of four smiling business professionals (two men and two women) are seated at a table in a meeting room. They are all wearing white shirts. The woman in the foreground is wearing a black top and a multi-strand necklace. The background is a bright, modern office environment.

3 - 7 March 2025  
Lisbon (Portugal)



# Financial Analysis with Modeling and Forecasting

REF: F158 DATE: 3 - 7 March 2025 Venue: Lisbon (Portugal) - Fee: 5940 Euro

## Introduction:

Financial analysis with modeling and forecasting involves evaluating financial data to assess current performance and using advanced modeling techniques to predict future outcomes. It equips professionals with the tools to interpret complex financial metrics, develop data-driven projections, and support strategic decision-making for sustainable growth. This training program provides participants with a comprehensive understanding of financial analysis, modeling, and forecasting techniques essential for informed decision-making in corporate finance. It empowers them to enhance strategic planning, optimize resource allocation, and maximize financial performance within their respective organizations.

## Program Objectives:

At the end of this program, participants will be able to:

- Utilize fundamental financial analysis techniques to interpret financial statements and assess company performance effectively.
- Develop advanced financial models using Excel and other tools to support forecasting, decision-making, and strategic planning.
- Employ various forecasting methods and techniques to predict future financial trends and outcomes accurately.
- Conduct comprehensive financial statement analysis to identify strengths, weaknesses, and areas for improvement within organizations.
- Leverage financial modeling insights to make informed investment decisions, evaluate strategic opportunities, and mitigate financial risks.

## Targeted Audience:

- Financial analysts and investment bankers.
- Corporate finance professionals.
- Accounting professionals.
- Business analysts and management consultants.
- Professionals involved in budgeting and planning.
- Employees seeking to enhance their financial analysis, modeling, and forecasting skills.

## Program Outlines:

### Unit 1:

#### Fundamental Financial Analysis for Company Performance:

- Understanding the three key financial statements: income statement, balance sheet, and cash flow statement.
- Analyzing important financial ratios like profitability, liquidity, and leverage ratios e.g., ROE, current ratio, debt-to-equity.
- Techniques for analyzing and interpreting financial data to assess company performance and financial health.
- Evaluating company performance using ratio analysis, trend analysis, and benchmarking against industry standards.
- Recognizing warning signs such as declining profitability, poor cash flow, and increasing debt that may indicate underlying financial issues.

### Unit 2:

#### Advanced Financial Modeling Techniques:

- Introduction to financial modeling and its role in forecasting and decision-making.
- Building and structuring financial models: assumptions, inputs, and outputs.
- Sensitivity analysis and scenario planning to assess model robustness.
- Incorporating dynamic variables and macros in financial models.
- Best practices for model documentation, version control, and error checking.

### Unit 3:

#### Forecasting Methods and Techniques:

- Overview of forecasting methods: time series analysis, regression analysis, and causal forecasting.
- Data preparation and cleaning for accurate forecasting.
- Building forecasting models using Excel, statistical software, and forecasting tools.
- Evaluating forecast accuracy and refining models based on performance.
- Incorporating qualitative factors and expert judgment into forecasting processes.

## Unit 4:

### Financial Statement Analysis and Interpretation:

- Advanced analysis of financial statements: trend analysis, common-size analysis, and DuPont analysis.
- Identifying red flags and warning signs in financial statements.
- Analyzing capital structure, leverage, and cost of capital.
- Evaluating company performance relative to industry benchmarks and peers.
- Communicating financial analysis findings effectively to stakeholders.

## Unit 5:

### Financial Modeling for Decision-Making and Strategy:

- Using financial models to support strategic decision-making and planning.
- Assessing investment opportunities: capital budgeting techniques and investment appraisal.
- Evaluating mergers and acquisitions: financial due diligence and valuation techniques.
- Stress testing and scenario analysis for risk management and contingency planning.
- Integrating financial modeling with business strategy to drive organizational growth and profitability.