

# € TRAINING

Financial Analysis with Modelling and  
Forecasting





# Financial Analysis with Modelling and Forecasting

## Introduction:

This training program provides participants with a comprehensive understanding of financial analysis, modelling, 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:

- Apply 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.
- Utilize financial modelling insights to make informed investment decisions, evaluate strategic opportunities, and mitigate financial risks.

## Targeted Audience:

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

## Program Outlines:

### Unit 1:

#### Foundations of Financial Analysis:

- Introduction to financial analysis and its importance in decision-making.
- Understanding financial statements: balance sheet, income statement, and cash flow statement.
- Financial ratio analysis: liquidity, solvency, profitability, and efficiency ratios.
- Interpretation of financial performance indicators to assess company health.
- Overview of financial analysis tools and software for data analysis.

### Unit 2:

#### Advanced Financial Modelling Techniques:

- Introduction to financial modelling 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 Modelling 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 modelling with business strategy to drive organizational growth and profitability.