

# FINANCIAL ANALYSIS, MODELLING & FORECASTING



**GENTEX**<sup>®</sup>  
TRAINING CENTER

# LEARN BOLD. LEAD BEYOND

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## Introduction

Financial analysis, modelling, and forecasting are essential skills for professionals who support business planning, investment decisions, budgeting, performance evaluation, and strategic growth. Organizations operate in increasingly complex and competitive environments where financial information plays a critical role in decision-making. As a result, professionals must be able to interpret financial data, build reliable financial models, and develop accurate forecasts that support organizational objectives.

Financial modelling helps transform historical financial information into structured analytical tools that can be used to evaluate future business performance. It enables organizations to assess risks, identify opportunities, test assumptions, and make informed decisions based on quantitative analysis. At the same time, financial forecasting allows decision-makers to anticipate future financial outcomes, allocate resources effectively, and prepare for changing market conditions.

The Financial Analysis, Modelling & Forecasting course delivered by Gentex Training Center provides participants with the knowledge and practical skills required to analyze financial statements, evaluate business performance, develop financial models, and create reliable forecasts. Throughout this comprehensive five-day program, participants will explore key financial analysis techniques, forecasting methodologies, scenario planning approaches, and financial modelling best practices.

The course combines theoretical concepts with practical applications, enabling participants to strengthen their analytical capabilities and improve the quality of financial decision-making within their organizations.

## Financial Analysis, Modelling & Forecasting Course Objectives

By the end of this course, participants will be able to:

- Understand the principles of financial analysis and business performance evaluation.



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- Interpret and analyze financial statements effectively.
- Calculate and evaluate key financial ratios and performance indicators.
- Identify financial strengths, weaknesses, opportunities, and risks.
- Apply financial analysis techniques to support business decisions.
- Understand the structure and components of financial models.
- Build practical financial models using accepted modelling principles.
- Develop revenue, cost, profit, and cash flow projections.
- Conduct sensitivity analysis and scenario planning.
- Apply forecasting techniques for budgeting and strategic planning.
- Evaluate investment opportunities using financial modelling tools.
- Improve financial planning and forecasting accuracy.
- Present financial insights and recommendations to management.
- Support strategic decision-making through data-driven analysis.
- Develop forecasting models that align with organizational objectives.

## Course Methodology

This course uses a combination of interactive lectures, practical exercises, case studies, financial modelling workshops, group discussions, forecasting simulations, and real-world business examples. Participants will apply financial analysis and forecasting techniques through hands-on activities that reinforce learning and support practical implementation.

## Who Should Take This Course

This course is suitable for:

- Financial Analysts
- Finance Managers
- Accountants



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- Budgeting and Planning Professionals
- Investment Analysts
- Corporate Finance Professionals
- Business Analysts
- Risk Management Professionals
- Treasury Professionals
- Project Finance Specialists
- Business Planning Managers
- Decision-Makers involved in financial planning and analysis

## Financial Analysis, Modelling & Forecasting Course Outlines

### Day 1: Fundamentals of Financial Analysis

- Introduction to financial analysis and business performance assessment
- Understanding the role of financial information in decision-making
- Review of key financial statements
- Income Statement
- Balance Sheet
- Cash Flow Statement
- Financial statement relationships and integration
- Analyzing profitability and operational performance
- Understanding revenue and cost structures
- Assessing liquidity and solvency
- Financial ratio analysis techniques



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- Identifying trends and performance patterns
- Practical exercises on financial statement analysis
- Case study on business financial performance evaluation

## Day 2: Advanced Financial Analysis and Performance Evaluation

- Advanced ratio analysis techniques
- Measuring operational efficiency
- Working capital analysis and management
- Cash flow analysis and interpretation
- Profitability and margin analysis
- Financial risk assessment methods
- Benchmarking against industry standards
- Identifying financial strengths and weaknesses
- Business performance diagnostics
- Evaluating financial sustainability
- Using financial data for strategic decision-making
- Financial analysis reporting techniques
- Group exercises and analytical case studies

## Day 3: Financial Modelling Fundamentals

- Introduction to financial modelling concepts
- Characteristics of effective financial models
- Financial modelling standards and best practices
- Structuring financial models



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- Developing assumptions and drivers
- Revenue forecasting models
- Cost and expense modelling
- Profitability modelling techniques
- Cash flow modelling approaches
- Building integrated financial models
- Error checking and model validation
- Scenario analysis within financial models
- Hands-on financial modelling workshop

## Day 4: Financial Forecasting and Scenario Planning

- Introduction to financial forecasting
- Forecasting principles and methodologies
- Quantitative and qualitative forecasting techniques
- Forecasting revenue and sales performance
- Forecasting operating expenses
- Forecasting capital expenditures
- Cash flow forecasting methods
- Budget development and forecasting integration
- Sensitivity analysis techniques
- Scenario planning and business simulations
- Risk-based forecasting approaches
- Forecasting under uncertainty
- Practical forecasting exercises and case studies





## Day 5: Strategic Financial Modelling and Forecasting Applications

- Integrating financial analysis with forecasting
- Investment evaluation through financial models
- Business valuation fundamentals
- Capital budgeting techniques
- Strategic planning using financial forecasts
- Financial decision support models
- Forecast interpretation and communication
- Presenting financial insights to senior management
- Developing financial recommendations
- Managing forecasting risks and limitations
- Building action plans based on financial analysis
- Comprehensive financial modelling and forecasting case study
- Final workshop and group presentations

## Conclusion

By successfully completing the Financial Analysis, Modelling & Forecasting course with Gentex Training Center, participants will gain a deeper understanding of financial analysis techniques, financial modelling principles, and forecasting methodologies. They will be able to evaluate business performance more effectively, develop robust financial models, generate reliable forecasts, and provide valuable financial insights that support strategic planning and informed decision-making within their organizations.