

Course No. 1501

Financial Modelling Using Excel Training Course

FINANCIAL MODELLING, VALUATION & BUSINESS ANALYSIS
FINANCE, INVESTMENT & BANKING

DURATION

5 Days

DELIVERY

Classroom



Course Overview

The Financial Modelling Using Excel Training Course provides a comprehensive and practical framework for building, analyzing, and applying financial models using Microsoft Excel in corporate and institutional environments. The course is designed to enable finance professionals, managers, analysts, and decision makers to transform historical financial and operational data into structured models that support financial forecasting, budgeting, cash flow analysis, investment evaluation, performance management, and strategic decision-making.

The program develops a systematic approach to financial modelling, beginning with historical data organization and financial statement analysis, followed by the identification of key business drivers and assumptions, financial forecasting, integrated financial statements, and analytical outputs. Participants will learn how to design models with clear structures, reliable formulas, logical linkages, flexible assumptions, and transparent outputs that can be updated and reviewed efficiently.

The course covers practical applications including revenue forecasting, operating cost modelling, profitability analysis, working capital, capital expenditure, cash flow forecasting, financing, debt modelling, and financial performance analysis. Participants will also learn how to use scenario analysis, sensitivity analysis, and stress testing to assess how changes in assumptions can affect financial outcomes, liquidity, profitability, and business performance.

Through practical exercises, corporate case studies, Excel modelling workshops, forecasting activities, and model review exercises, participants will develop the ability to build and interpret professional financial models using Excel. The Financial Modelling Using Excel Training Course supports organizations in improving financial analysis, strengthening forecasting capabilities, increasing modelling efficiency, and providing management with clear and reliable financial information for decision-making.

Objectives

- Analyze historical financial statements and identify the key inputs and business drivers required to build a financial model using Excel during the first day of the course.
- Develop a structured financial model using Excel that connects operational assumptions with financial results by the end of the program.

- Apply practical techniques to forecast revenue, operating costs, profitability, working capital, capital expenditure, and cash flow.
- Design a clear financial model structure that separates inputs, assumptions, calculations, outputs, and controls.
- Build integrated linkages between the income statement, balance sheet, and cash flow statement using Excel.
- Apply appropriate Excel financial and analytical functions to improve the efficiency and accuracy of financial modelling.
- Develop base, upside, and downside scenarios and assess their impact on financial performance.
- Perform sensitivity analysis and stress testing to evaluate the impact of changes in key assumptions on financial results.
- Improve model integrity by validating formulas, checking linkages, identifying errors, and testing model consistency.
- Prepare and present a complete Excel-based financial model that supports financial planning, forecasting, investment analysis, and management decision-making during the final workshop.

Who Should Attend

The Financial Modelling Using Excel Training Course is designed for professionals working in finance, accounting, corporate finance, financial analysis, financial planning and analysis, budgeting, investment, and treasury. It is also suitable for financial analysts, management accountants, business analysts, financial planning specialists, and professionals responsible for preparing forecasts, budgets, management reports, and financial analysis using Excel.

The course is particularly relevant to finance managers, financial controllers, planning and budgeting managers, investment managers, corporate development managers, treasury professionals, senior financial analysts, accountants, and financial planning and analysis specialists. It is also valuable for executives, finance directors, and senior decision makers in government entities, ministries, public-sector organizations, banks, financial institutions, oil and gas organizations, and large corporations that rely on financial models to support planning, forecasting, investment evaluation, resource allocation, and performance management.

Learning Outcomes

- Explain the principles and applications of financial modelling using Excel in corporate and institutional environments.
- Organize and analyze historical financial and operational data and identify key performance drivers.
- Build a structured Excel financial model containing inputs, assumptions, calculations, outputs, and control mechanisms.
- Develop forecasts for revenue, operating costs, profitability, working capital, capital expenditure, and cash flow.
- Build an integrated financial model linking the income statement, balance sheet, and cash flow statement.
- Use appropriate Excel financial and analytical functions to support financial calculations, forecasting, and analysis.
- Develop debt, financing, and cash flow models based on defined financial assumptions.
- Create multiple scenarios and perform sensitivity analysis to evaluate alternative financial and operational outcomes.
- Identify formula errors, broken linkages, inconsistent assumptions, and structural weaknesses within a financial model.
- Prepare and present a professional Excel-based financial model that clearly communicates assumptions, results, risks, scenarios, and recommendations to management.

Course Outline

DAY 01

Financial Modelling Fundamentals Using Excel

- Principles, objectives, and applications of financial modelling
- Role of Excel in financial analysis, planning, forecasting, and decision-making
- Structure and components of a professional financial model
- Organizing historical financial and operational data
- Financial statement analysis and identification of performance drivers
- Defining key assumptions and model inputs
- Organizing worksheets, calculations, inputs, and outputs

DAY 01 — CONTINUED

- Principles of designing clear, flexible, and reviewable financial models

PRACTICAL APPLICATION

Developing the initial structure of an Excel-based financial model

DAY 02

Financial Forecasting and Integrated Financial Statements

- Revenue forecasting using business and operational drivers
- Operating cost and expense modelling
- Profitability and margin forecasting
- Working capital modelling
- Capital expenditure and depreciation forecasting
- Developing the projected income statement
- Developing the projected balance sheet
- Developing the projected cash flow statement
- Linking the three financial statements using Excel

PRACTICAL APPLICATION

Building an integrated three-statement financial model

DAY 03

Cash Flow, Financing and Financial Analysis Using Excel

- Operating, investing, and financing cash flow analysis
- Free cash flow modelling
- Liquidity analysis and cash requirements
- Debt and financing modelling
- Interest calculations and debt balances
- Debt repayment and maturity schedules
- Capital structure and leverage analysis

DAY 03 — CONTINUED

- Financial ratios and performance indicators

PRACTICAL APPLICATION

Developing cash flow and financing models and analyzing financial performance

DAY 04

Scenario Analysis, Sensitivity Testing and Model Validation

- Principles of scenario analysis in financial modelling
- Developing base, upside, and downside scenarios
- Using Excel tools to compare financial scenarios
- Sensitivity analysis for revenue, costs, and margins
- Sensitivity analysis for cash flow and liquidity
- Assessing changes in financing assumptions and interest rates
- Stress testing and financial risk analysis
- Identifying modelling errors and validating formulas and linkages

PRACTICAL APPLICATION

Building scenarios and performing sensitivity analysis and stress testing on a financial model

DAY 05

Integrated Financial Model and Management Applications

- Reviewing the complete financial model and validating calculations and linkages
- Improving model structure, usability, transparency, and reviewability
- Analyzing financial results and extracting key performance indicators
- Using financial models for budgeting and financial forecasting
- Applying financial models to investment evaluation and capital allocation
- Preparing financial outputs and management reports
- Communicating assumptions, scenarios, risks, and financial results

DAY 05 — CONTINUED

FINAL WORKSHOP

Building and presenting a complete Excel-based financial model

- Final review and development of a practical plan for applying financial modelling in the workplace

Register or Request More Information

Course page: <https://quest-training.com/courses/financial-modelling-using-excel-training-course>

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