

FINANCIAL ANALYSIS, MODELLING AND BUDGETING MASTERCLASS



GENTEX[®]
TRAINING CENTER



Introduction

Financial Analysis, Modelling and Budgeting Masterclass Training Course brings three connected capabilities into one practical programme: interpreting performance, building models that test decisions, and planning the year. Participants work through statement and ratio analysis, forecasting, model construction, budget preparation, and scenario testing as one coherent discipline. The programme links analytical technique with the modelling structure that makes conclusions defensible. As a result, learners gain a method rather than a collection of formulas. Furthermore, the course strengthens analytical rigour, model discipline, and reporting quality that supports confident financial decisions.

Financial Analysis, Modelling and Budgeting Masterclass Course Objectives

- Read the income statement, balance sheet, and cash flow statement together.
- Apply profitability, liquidity, leverage, and efficiency ratio analysis.
- Apply DuPont analysis to decompose return on equity.
- Build three-statement financial models with linked schedules.
- Design model structure with inputs, calculations, and outputs separated.
- Forecast revenue, cost, and cash using driver-based methods.
- Build sensitivity tables, scenario switches, and data tables.
- Construct operating, capital, and cash budgets from a model.
- Appraise investments using payback, NPV, and IRR within a model.
- Apply model governance: checks, documentation, and version control.

Course Methodology

- Interactive sessions built on financial analysis and modelling cases.

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- Workshops on ratio interpretation, model construction, and budget design.
- Group exercises on scenario building, sensitivity testing, and model review.
- Hands-on practice with three-statement models, driver forecasts, and appraisal sheets.
- Simulation of a model review and a budget committee challenge.
- Facilitator coaching and peer review on personal modelling standards.

Who Should Take This Course

- Financial analysts and corporate finance professionals.
- Finance managers, controllers, and management accountants.
- Budget officers and planning specialists.
- Investment and business partnering professionals.
- Transaction advisory and consulting professionals.
- Professionals moving into financial modelling roles.

Financial Analysis, Modelling and Budgeting Masterclass Course Outlines

Day 1: Financial Statement and Ratio Analysis

- Reading the income statement, balance sheet, and cash flow statement together.
- How the three statements link and reconcile.
- Profitability ratios: gross, operating, and net margins, ROA, and ROE.
- Liquidity ratios: current, quick, and cash ratios.
- Leverage ratios: debt-to-equity, interest cover, and gearing.
- Efficiency ratios: asset turnover and working capital days.
- DuPont analysis: decomposing return on equity.





Day 2: Building Three-Statement Models

- Model design principles: inputs, calculations, and outputs separated.
- Building the income statement and balance sheet schedules.
- Linking the cash flow statement and balancing the model.
- Circularity, iteration, and alternative balancing approaches.
- Working capital and fixed asset schedule construction.
- Model integrity checks and error traps.
- Workshop: building a linked three-statement model.

Day 3: Forecasting and Driver-Based Modelling

- Identifying business drivers for revenue and cost.
- Driver-based revenue and cost forecasting.
- Seasonality, growth assumptions, and trend analysis.
- Cost behaviour and semi-variable cost modelling.
- Working capital and capital expenditure forecasting.
- Model documentation, assumption logs, and version control.
- Exercise: forecasting a business from defined drivers.

Day 4: Scenario Analysis, Sensitivity, and Appraisal

- Scenario switches and case management in models.
- Sensitivity and data tables for key variables.
- Monte Carlo concepts and when they add value.
- Break-even and cost-volume-profit analysis within a model.
- Capital appraisal: payback, NPV, and IRR.

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- Risk, discount rates, and hurdle rate application.
- Simulation: testing a project model under three scenarios.

Day 5: Budgeting, Reporting, and Model Governance

- Turning a model into a budget and target set.
- Incremental, zero-based, and rolling budgeting in practice.
- Budget versus actual reporting and variance analysis.
- Re-forecasting and rolling budget updates.
- Model review, audit trails, and quality assurance.
- Presenting analytical findings clearly to decision-makers.
- Capstone: presenting an integrated analysis, model, and budget.

Conclusion

By successfully completing Financial Analysis, Modelling and Budgeting Masterclass, participants will gain a practical command of statement analysis, model construction, forecasting, and budget design. They will acquire skills in ratio and DuPont analysis, three-statement modelling, scenario testing, and model governance that make financial conclusions defensible. Gentex Training Center designs the programme to help professionals analyse, model, and plan with confidence.

FAQs





Q1 What is the "Financial Analysis, Modelling and Budgeting Masterclass" course about?

It brings three connected capabilities into one practical programme: interpreting performance, building models that test decisions, and planning the year. The course spans financial statement and ratio analysis, building three-statement models, forecasting and driver-based modelling, scenario analysis, sensitivity and appraisal, and budgeting, reporting and model governance.

Q2 What are the key benefits of the "Financial Analysis, Modelling and Budgeting Masterclass" course?

You gain a method rather than a collection of formulas. The course improves statement and ratio interpretation, strengthens model structure and integrity, sharpens forecasting and scenario testing, and gives you governance standards that make your analysis defensible in review.

Q3 What skills will I gain from the "Financial Analysis, Modelling and Budgeting Masterclass" course?

You will develop four core skills: financial statement and ratio analysis with DuPont decomposition, three-statement model construction, driver-based forecasting with scenario and sensitivity testing, and budget design with model governance and reporting.



Q4 What tools, methods, or standards are covered in the "Financial Analysis, Modelling and Budgeting Masterclass" course?

The course covers the income statement, balance sheet and cash flow statement, ratio analysis (profitability, liquidity, leverage, efficiency), DuPont analysis, model design principles with inputs, calculations and outputs separated, three-statement linking and model balancing including circularity handling, working capital and fixed asset schedules, model integrity checks and error traps, driver identification and driver-based forecasting, seasonality and trend analysis, cost behaviour modelling, scenario switches and case management, sensitivity and data tables, Monte Carlo concepts, break-even and cost-volume-profit analysis, payback, NPV and IRR, discount and hurdle rate application, incremental, zero-based and rolling budgeting, budget versus actual reporting and variance analysis, re-forecasting routines, model review and audit trail practice, and quality assurance standards.

Q5 How is the "Financial Analysis, Modelling and Budgeting Masterclass" course applied in real-world practice?

Participants apply it to real work such as analysing a full set of financial statements, building a linked three-statement model, forecasting a business from defined drivers, testing a project model under three scenarios, and presenting an integrated analysis and budget to a committee. The same methods support investment appraisal and rolling re-forecasts.