



Advanced Financial Modeling with Excel Training Course

17 – 21 October 2027
Johannesburg

Advanced Financial Modeling with Excel Training Course

Ref: 780_159335 **Date:** 17 – 21 October 2027 **Location:** Johannesburg **Fees:** 4500 Euro

Overview

Advanced Financial Modeling with Excel Training Course is a five-day advanced course for financial analysis, corporate finance, investment, planning, and management functions who leave with a Controlled Financial Model and Decision Pack. Participants connect assumptions, integrated financial statements, forecasts, valuation, scenario and sensitivity analysis, model controls, dashboards, and management outputs. Agile Leaders Training Center develops practical advanced financial modeling with Excel capability.

Who Should Attend

- Financial analysis functions responsible for forecasts and decision models
- Corporate finance functions responsible for planning and valuation
- Investment functions responsible for evaluating opportunities and returns
- Planning functions responsible for budgets, scenarios, and performance outlooks
- Management reporting functions responsible for model-based decision outputs

The course assumes participants can use Excel formulas, build basic schedules, interpret financial statements, and apply discounted cash-flow concepts, and leaves out introductory spreadsheet navigation, bookkeeping, programming, and certification exam preparation.

Departments and Industries

The course supports departments and industries that build financial forecasts and evaluate decisions in Excel.

- Banking corporate finance and investment analysis
- Manufacturing planning and capital appraisal
- Retail budgeting and performance forecasting
- Energy project economics
- Healthcare finance and service-line analysis

Learning Objectives

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



- Build controlled assumptions and integrated statement models
- Apply forecasting and valuation methods in Excel
- Use scenario, sensitivity, and Goal Seek analysis
- Diagnose model errors and reconciliation failures
- Evaluate outputs through dashboards and decision measures
- Build a controlled financial model and decision pack

Course Agenda

Day 1: Design the Model Architecture

- Financial Model Purpose and Output Map
- FAST Structure and Calculation Flow Canvas
- Assumption Register and Named Range Control
- Timeline and Periodicity Design Sheet
- Model Style and Documentation Standard

Day 2: Integrate Statements and Forecasts

- Revenue and Cost Driver Schedule
- Working Capital Forecast Model
- Capital Expenditure and Depreciation Schedule
- Debt and Interest Calculation Module
- Integrated Income, Balance Sheet, and Cash-Flow Model

Day 3: Build Valuation and Scenarios

- Discounted Cash Flow Valuation Schedule
- Cost of Capital Assumption Bridge
- Excel What-If Scenario Manager
- One- and Two-Variable Data Tables
- Goal Seek and Break-Even Analysis

Day 4: Control and Present the Model

- Balance and Cash Reconciliation Checks
- Error Flag and Exception Control Panel
- Formula Consistency and Audit Trail Review
- Management KPI Dashboard Design
- Decision Output and Recommendation Sheet



Day 5: Practice Financial Decisions

- Exercise: Reconcile an Integrated Statement Model
- Exercise: Diagnose a Forecast Logic Error
- Exercise: Test Valuation Sensitivities
- Exercise: Review Dashboard Decision Signals
- Capstone: Controlled Financial Model and Decision Pack

Practical Exercises

The course uses suggested activities based on banking, manufacturing, retail, energy, and healthcare finance decisions.

- Suggested activity: structure assumptions and link operating drivers to integrated statements.
- Suggested activity: build valuation outputs and test scenarios, sensitivities, and break-even points.
- Suggested activity: audit formulas, reconcile statements, and investigate exception flags.
- Suggested activity: assemble dashboard evidence and recommendations into the final decision pack.

FAQs

Who suits advanced financial modeling with Excel training, and what does it assume?

Financial analysis, corporate finance, investment, planning, and reporting functions suit the training; it assumes practical Excel formulas, basic schedules, financial-statement interpretation, and discounted cash-flow concepts.

How does advanced financial modeling with Excel differ from introductory Excel finance training?

Advanced financial modeling integrates assumptions, statements, forecasts, valuation, scenarios, controls, and dashboards, while introductory training focuses on spreadsheet navigation, basic formulas, and simple finance calculations.

Why should an Excel financial model use an assumptions register?

An assumptions register separates inputs from calculations, records sources and ownership, supports scenario changes, reduces hidden constants, and helps reviewers trace how an input affects statements, valuation, and decision outputs.

How should financial model errors be controlled?

Financial model errors should be controlled through reconciliation checks, error flags, formula-consistency reviews, input validation, protected calculation areas, version records, sensitivity tests, and independent review evidence.



When should scenario analysis and sensitivity analysis be used in Excel?

Scenario analysis tests coherent combinations of assumptions, while sensitivity analysis isolates the effect of individual variables; both support decisions when outcomes depend on uncertain revenue, cost, timing, financing, or valuation inputs.

Conclusion

Participants take back a Controlled Financial Model and Decision Pack linking assumptions, statements, forecasts, valuation, scenarios, controls, dashboards, and recommendations. It changes disconnected spreadsheets into a traceable decision model. The pack supports coordinated work across finance, investment, planning, reporting, and management functions.