



Financial Modelling and Analysis

Venue: Sandton | Online

WHO IT'S FOR

- Finance Directors
- Head of Finance
- Chief Finance Officers
- Accounts Managers
- Accountants

6 to 8 March 2023

Don't Miss Out!

DURATION

3 Days
(Consecutive days, 8 hours each)

MINIMUM NUMBER OF DELEGATES

Four (4) Delegates

DELIVERY

Your choice of attending online
(On-Campus or In-House).

CONTACT US

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COST

R10,499 Online
R13,499 On-Campus
incl breakfast and lunch

Executive Summary

Financial Modelling is one of the most highly valued, but thinly understood, skills in financial analysis. The objective of financial modeling is to combine accounting, finance, and business metrics to create a forecast of a company's future results.

A practical course aimed at newly qualified, or working, finance professionals who want to improve their knowledge of modeling and forecasting. Over the course, you'll acquire techniques and tools to help develop your financial modeling and strategic business decision-making skills.

Following an ongoing case study, you'll learn to create a complete business financial model: balance sheet, income statement, and cash flow statement. You'll gain knowledge of sensitivity and scenario analyses, investigate financial models for various business types, and understand the impact that using different inputs will have on the outputs generated by a financial model. In addition, you will develop your critical thinking abilities to better understand the financial characteristics and interpretations of businesses and their financial forecasts.

Learning Objectives

As a result of completing this course, all participants will improve their knowledge, understanding and analytical skills of Financial Modeling with the following benefits:

1. Describe financial modelling as a discipline
2. Apply basic ms excel skills to design financial models
3. Apply financial modelling to the forecast and project financial statements
4. Perform sensitivity, and scenario analysis to assess the robustness of financial models.
5. Apply financial model in valuation and business decision-making.



Course Outline

DAY 1

Session One

- Define financial modelling
- Discounted cash flow analysis (DCF model)
- Leveraged buyout (LBO)
- Mergers and acquisitions (M&A)
- Sensitivity analysis.

Session Two-Fundamental skills of financial modeling

- Explore the fundamental skills best practices required to become proficient in Excel-based financial modeling.
- Discuss the importance of accurate financial modeling in the business and investment environment
- Describe how various types of Excel formulas and modeling functions would be helpful to your industry
- Illustrate usage of charting functionality in Excel
- Identify formatting practices and various ways of troubleshooting Excel-related functionality
- Resolve incorrect or dysfunctional formulas in Excel.

Session Three-Financial Statements

- Discover the various accounting statements, their purposes, and how they are related and interpreted.
- Review an understanding of accounting and financial terminology and principles
- Indicate components of the balance sheet and income statement and how they relate to each other
- Describe how the income statement and balance sheet are used in your role
- Explain the components that make up the cash flow statement
- Calculate working capital and free cash flow
- Determine the key ratios required in financial modeling and analysis.

Session Four-Building a Financial Model

- Discover how to create a Financial Model, comprising the balance sheet, income statement, and cash flow statement.
- Review the information related to the case study
- Articulate the process of creating an interlinked balance sheet, income statement, and cash flow statement in a financial model
- Resolve the ambiguities involved in the process of the creation of the model
- Interpret the ratios that apply to the model
- Illustrate the ratios in the model using Excel's charting functionality
- Construct an interlinked financial model that is comprised of an income statement, balance sheet, and cash flow statement.

DAY 2

Session One-Forecasting

- Explore the various ways of forecasting and extending the model, which is driven by underlying business assumptions.
 - Identify the various types of revenue models
 - Explain the process of deciding on realistic forecast assumptions
 - Practice forecasting based on historic data in the financial model
 - Practice forecasting overheads, variable costs, assets, and working capital
 - Test the functionality of the model
 - Develop a forecasted financial model

Session Two-Sensitivity and Scenario Analysis

- Discover the differing degrees to which varying inputs affect outputs in a model.
 - Recognise the difference between a sensitivity and scenario analysis
 - Describe how a business's growth rate impacts its net income
 - Practice simulating scenarios through scenario analyse.
 - Determine output using information from a scenario analysis.

Session Three-Modelling different types of businesses

- Discover the differences within financial statements noting the differences between industries
 - Identify the key ratios for retail, service, and tech industries
 - Discuss the differences between inputs and outputs based on the industry
 - Summarise the key metrics used in the retail, service, and tech industries Compare the differences in financial statements between the retail, services, and tech industries.

DAY 3

Session One-Uses of financial models for decision-making in business

- Explore how financial models are used in strategic business decisions.
 - Describe ways how to free up cash flow through the working capital cycle
 - Explain why companies need to hold cash
 - Explain the concept of cost of capital
 - Articulate the advantages and disadvantages of funding expansion through the use of debt
 - Assess how variations in financial models impact strategic business decisions
 - Recommend strategic business decisions with the use of financial modeling.

Session Two-Uses of financial models for valuation

- Discover how a financial forecast is applied to a discounted cash flow valuation model.
 - Demonstrate an understanding of the concept of the time value of money
 - Calculate a company's weighted average cost of capital
 - Execute terminal value and terminal value growth rate calculations
 - Critique a discounted cash flow analysis
 - Construct a discounted cash flow analysis for the case study company.

Facilitator

Advent Marange CA(SA) RA, P.D. Corporate Law

Advent is a highly sought-after consultant, corporate trainer and speaker with more than 9 years financial services experience gained in South Africa and at least five countries in Southern Africa. He is currently the Manager of the Corporate Advisory and Corporate Education division of The CharterQuest Institute.

Advent holds a bachelor's of commerce degree in Finance (Cum Laude), A Bridging Course in Theory of Accounting (BCTA), Certificate in Theory of Accounting (CTA), Post Graduate Diploma in Corporate law (Cum laude) and has received numerous awards for academic excellence.

He worked with various small business corporations and large private and state-owned entities in South Africa, Zambia and Namibia which enabled him to gain great experience in accounting, Taxation, finance and investments.



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