



Course : Financial Analysis, Modelling & Forecasting

City : Kuala Lumpur
Start Date : 2025-12-08
Period : 1 Week

Hotel : Kuala Lumpur
End Date : 2025-12-12
Price : 3950 \$

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Course Overview

Financial professionals are often asked to provide analysis and projections of finances to help management make decisions. By attending this course, you will be able to effectively prepare and build financial analysis models, understand and analyze the time value of money, and prepare forecasted financial statements. You'll gain practical skills in developing robust Excel models to evaluate investment opportunities, calculate net present value, and perform sensitivity analysis. The curriculum covers essential techniques for projecting revenue growth, estimating expenses, and modeling cash flows under various scenarios. Additionally, you'll learn to identify potential risks and communicate your findings clearly to stakeholders, ensuring that your financial insights directly support strategic business planning and resource allocation.

Course Objectives

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

- Interpret organizational financial performance and position using financial ratios
- Analyze and advise on the health of the cash flow statement
- Evaluate future cash flows by utilizing Microsoft Excel time value of money functions
- Apply advanced MS Excel modeling tools and functions in financial projections models
- Build a financial forecasting model for the financial statements' projections

Target Audience

Financial controllers, analysts, finance and accounting managers, supervisors, and finance professionals who need to interpret and analyze financial statements and use them to create financial forecast models in their organizations.

Methodology

The course is a hands-on workshop that applies MS Excel to model financial analysis and forecasting through different exercises and case studies.

Course Outline

Day 1: Business Foundations and Performance

- The Competitive Challenge in the 21st Century
- Identifying and Managing Stakeholder Needs
- Business Models and How They are Disrupted
- An Integrated Approach to Risk Management
- The Essentials of Business Performance Management
- Financial Statements: Key Concepts and Applications
- Fundamentals of Financial Modelling

Day 2: Financial Analysis and Capital Structure

- Mastering Financial Analysis
- Building a Financial Ratio Database in Excel
- Practical Modelling: The Cost-Volume-Profit Relationship
- Measuring and Improving Return on Investment (ROI)
- Enhancing Asset Management Efficiency
- Managing Capital Structure and Risk
- Practical Modelling: The Effect of Gearing on Shareholders' Earnings

Day 3: Advanced Forecasting Techniques

- Improving Financial Forecasting
- Practical Modelling: Applying Excel Statistical Analysis Tools
- Avoiding Common Forecasting Pitfalls
- Time Series Analysis with Moving Averages
- Sales Trend Analysis Using Linear Regression
- Minimising Forecasting Error with Excel Solver
- Using Regression and Correlation for Cost Forecasting
- Practical Modelling: Cash Flow Forecasting

Day 4: Investment and Valuation

- Financial Models for Investment Decision-making
- Principles of Capital Investment Decision-making
- Sources and Cost of Business Finance
- Practical Modelling: Excel-Based Discounted Cash Flow Tools

- Practical Modelling: Capital Investment Analysis
- Essentials of Business Valuation
- Practical Modelling: Shareholder Value Added in Business Valuation

Day 5: Risk, Uncertainty, and Performance Drivers

- Managing Risk and Uncertainty
- Identifying and Analysing Business Risk
- Probability-Based Decision-making Approaches
- Monte Carlo Simulation in Risk Modelling
- Sensitivity Analysis and “What-if” Forecasting
- Identifying Key Drivers of Financial Performance
- Practical Modelling: Key Driver “What-if” Forecasting