Financial Modelling Intermediate – 3 Days

Course Overview

This **3-Day course** is designed to equip students with the necessary skills and knowledge to create and analyze financial models using Microsoft Excel. Through a combination of theoretical knowledge and practical case studies, students will learn the essential techniques for creating accurate and effective financial models. The course covers topics such as financial statement analysis, forecasting, valuation models, risk analysis, and capital budgeting. By the end of the course, participants will be equipped with the skills to develop robust financial models and make informed financial decisions.

Course Objectives

After the completion of this workshop, participants should be able to understand the following:

- Understand the concept and importance of financial modelling in decision-making processes.
- Develop proficiency in using Microsoft Excel for financial modelling purposes.
- Gain practical skills in building comprehensive financial models from scratch.
- Learn to analyse financial statements and perform ratio analysis to evaluate a company's financial performance.
- Apply forecasting techniques to make projections and evaluate investment opportunities.
- Explore different valuation methods, including discounted cash flow analysis and relative valuation.
- Enhance risk assessment and sensitivity testing skills to evaluate the impact of various scenarios on financial models.
- Develop critical thinking and problem-solving abilities through real-life case studies and model testing.
- Apply capital budgeting techniques to evaluate and prioritize investment projects.
- Identify common mistakes in financial modelling and learn strategies to avoid them.

Prerequisites

It is recommended that participants have:

- Basic knowledge of finance and accounting principles.
- Proficiency in using Microsoft Excel, including understanding basic formulas and functions.
- Familiarity with financial statements and their components (income statement, balance sheet, and cash flow statement).

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Course Outline and Schedule

DAY 1

Time	Subject
9.00 AM – 10.30 AM	**Module 1: Introduction to Financial Modelling** • What is financial modelling? • Why is financial modelling important? • Benefits and Pitfalls of Microsoft Excel • The different types of financial models • The benefits of financial modelling • Steps of Building a financial model
10.30 AM – 1.00 PM	**Module 2: Basics in Microsoft Excel** • Getting started with Excel • Keyboard Shortcuts • Working with data • Creating Formulas
1.00 PM – 2.00 PM	Lunch
2.00 PM – 5.00 PM	**Module 3: Intermediate and Advanced in Microsoft Excel** • Date Formulas • Relative and Absolute Reference • Data Validation • Goal Seek • Scenario Manager • What If Analysis • Camera Tool • Conditional Formatting • Form Controls • Using functions • Creating charts and graphs

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DAY 2

Time	Subjects
9.00 AM – 11.00 AM	**Module 4: Building a Financial Model (Case Study 1 - SME)** • Creating a financial model from scratch • Entering data • Building formulas • Creating charts and graphs • Testing the model
11.30 AM – 1.00 PM	**Module 5: Financial Ratio Analysis** • Understanding financial ratios • Using financial ratios to analyse a company • Identifying potential problems with a company's financial performance
1.00 PM – 2.00 PM	**LUNCH**
2.00 PM – 5.00 PM	**Module 6: Preparing Financial Models (Case Study 2- Public Listed)** • Building formulas • Creating charts and graphs • Testing the model • Financial Statement Analysis • Valuation Techniques

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DAY 3

Time	Subjects
9.00 AM – 11.00 AM	**Module 7: Preparing Financial Models (Case Study 3)** • Time value of Money & Discounted Cash Flow • Financial Statement Analysis • Valuation Techniques • Sensitivity Analysis & Scenario Analysis
11.30 AM – 1.00 PM	**Module 8: Preparing Financial Models (Case Study 4 – Project Finance)** • Time value of Money & Discounted Cash Flow • Financial Statement Analysis • Valuation Techniques • Sensitivity Analysis & Scenario Analysis
1.00 PM – 2.00 PM	**LUNCH**
2.00 PM – 5.00 PM	**Module 9: Common Mistakes in Financial Modelling** • Data Input and Assumptions • Formulas and Functions • Model Structure and Design • Sensitivity and Error Analysis

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