

Training Title

FINANCIAL MODELLING AND DECISION MAKING

Training Duration

5 days

Training Venue & Dates

REF	Training Title	Days	Dates	Price	Location
FB050	FINANCIAL MODELLING AND DECISION MAKING	5	20-24 Jan. 2025	\$6,000	Istanbul, Turkey.

In any of the 4 or 5 star hotels. The exact venue will be informed later.

Training Fees

- \$6,000 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch.

Training Certificate

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

INTRODUCTION

In today's dynamic business landscape, informed decision-making is the cornerstone of success. Financial modeling stands at the nexus of this process, offering a structured approach to analyzing and predicting outcomes crucial for effective decision-making.

Financial modeling involves the creation of mathematical representations of financial situations, typically in spreadsheet software, to forecast the performance of a business, project, or investment. By incorporating historical data, assumptions, and various scenarios, financial models provide valuable insights into potential outcomes, risks, and opportunities.

This intricate discipline plays a pivotal role in guiding strategic decisions across a spectrum of industries, from corporate finance to investment banking, and from startups to multinational corporations. Whether evaluating investment opportunities, assessing the feasibility of a new project, or optimizing operational performance, financial modeling empowers stakeholders with the tools to navigate complex scenarios with confidence.

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In this guide, we will delve into the fundamentals of financial modeling and its indispensable role in decision-making. We will explore key concepts, methodologies, and best practices essential for constructing robust models. Additionally, we will discuss how to interpret and utilize the outputs of these models to drive informed choices and achieve organizational objectives.

Join us on a journey through the realm of financial modeling, where data meets analysis to illuminate pathways to success in the ever-evolving landscape of business and finance.

COURSE OBJECTIVES:

- **Learn financial modeling using advanced Excel tools.**
- **Build financial models through stepwise projection of Income statement, balance sheet and cash flows**
- **Learn business valuation using comparable and discounted cash flow approach**
- **Master Trading Comps valuation (P/E, P/B, EV, EBITDA etc.)**
- **Apply scenario and sensitivity analysis**
- **Learn circular reference technique and check sheets**
- **Differentiate key modeling techniques between Modeling for Mezzanine Capital Investments and modeling for Investments in convertible structures**
- **Conduct Merger and Acquisition Accretion Analysis**
- **Design Data Dashboards**

WHO SHOULD ATTEND

Professionals and graduate students working or aspiring to work in the field of investment banking, project consultancy, private equity, corporate finance, asset valuation and equity research.

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- **30% Lectures**
- **30% Workshops and work presentation**
- **20% Group Work& Practical Exercises**
- **20% Videos& General Discussions**

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COURSE DAILY OUTLINE

Day One

- Overview of Financial Modeling
- Excel tools used in Financial Modeling including Data Tables, Nested Ifs, Index, Time Value of Money Applications
- FAST standards for financial modeling
- Structuring input sheet and structuring time sheet using timing flags
- Modeling for assumptions & inputs
- Business Structure & revenue modeling
- Modeling for & projecting operating expenses

Day Two

- Projecting key schedules including debt/interest, depreciation, working capital and equity
- Stepwise projection of income statement, balance sheet and cash flows
- Ratio analysis and common size analysis
- Beta computation using regression models
- Computing cost of equity using CAPM and WACC

Day Three

- Estimating Terminal Value, DCF Valuation
- Trading Comps Valuation (P/E, P/B, EV/EBITDA, etc.)
- Scenario analysis
- Form controls for scenario analysis

Day Four

- Financial analysis of the project
- Debt covenant analysis and Check sheet concept
- Debt structuring using different types of financing options
- Free cash flow analysis
- NPV and IRR analysis for project
- Data Analysis and Dashboard design:
- Working with Charts and Tables in Excel
- Lookups
- Analyzing Data using Pivot Tables
- Principles of Dashboard Design and Reporting

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- Making Interactive and Dynamic Dashboards
- Introducing Macros
- Summarization & presentation of a financial model

Day Five

- Financing Mix and Accretion-Dilution Analysis
- Merger Mix Analysis
- Contribution and Breakeven Analysis
- Sensitivity Analysis using data tables and Scenario Analysis
- Charting for M&A modeling

NOTE:

Pre & Post Tests will be conducted

Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.



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