

# Financial Modelling Using Excel

**Course Duration: 40 Hours (5 Days)**

## Overview

Overview of Financial Modelling Using Excel Course Our Financial Modelling Using Excel course equips you with the skills necessary to build robust financial models used for accurate financial analysis and decision-making. The course covers both basic and advanced Excel techniques, such as VLOOKUP, Pivot Tables, and Dynamic Dashboards. You will also dive deep into key accounting concepts, Ratios/KPI Analysis, and different financial modeling techniques like LBO, M&A, and DCF valuation. By the end of this 40-hour course, you will be able to create detailed financial models, analyze financial statements, and perform valuation techniques, ensuring you can drive business insights and make data-driven decisions.

## Audience Profile

ManageEngine ServiceDesk Plus is a comprehensive ITSM suite designed for IT support professionals to streamline service management. It is ideal for:

- IT Support Specialists
- Service Desk Analysts
- IT Service Managers
- Technical Support Engineers
- IT Asset Managers
- System Administrators
- Network Administrators
- IT Operations Managers
- Helpdesk Coordinators
- IT Project Managers
- CMDB Managers
- IT Consultants
- ITIL Practitioners

## Day 1: Excel Essentials for Financial Modelling

Objective: Build a strong Excel foundation for financial tasks.

Topics:

- MS Excel interface, ribbons, and essential shortcuts
- Functions: VLOOKUP, HLOOKUP, INDEX, MATCH, SUMIFS, OFFSET, CONCATENATE
- Data tools: Conditional Formatting, Data Validation, Freezing, Sorting, Filtering
- Table functions, dynamic arrays, and charts (bar, line, pie, scatter, waterfall, etc.)
- Pivot Tables, Pivot Charts, Slicers, Macros introduction, Dashboards
- Time value functions: PMT, PV, FV, NPER, RATE
- Text functions: PROPER, FIND, REPLACE, LEFT, RIGHT, MID, Flash Fill
- What-If tools: Goal Seek, Scenario Manager, Data Table, IRR, XIRR, NPV, XNPV

## **Day 2: Accounting & Ratio Analysis**

Objective: Understand core accounting principles and financial ratios.

Topics:

- Accounting principles: Accrual vs. Cash, Double-entry, Prudence, Matching, Historical Cost
- Financial statements: Income Statement, Balance Sheet, Cash Flow, Interlinkages
- Key terms: EBITDA, D&A, Capex, Revenue, Deferred Revenue, Shareholders' Equity
- Common Size Statements, Notes to Accounts, MD&A analysis
- Ratio Analysis: Profitability, Liquidity, Solvency, Efficiency, Valuation
- DuPont analysis, EPS (Basic & Diluted), Benchmarking, Financial Summary

## **Day 3: Technical Aspects & Forecasting Models**

Objective: Build forecast-based financial models with drivers and schedules.

Topics:

- Structure and components of a financial model
- Scenario creation: INDEX, CHOOSE, Scenario Manager
- Forecasting financial statements: Revenue, Cost drivers across industries
- Schedule preparation: Depreciation, Equity, Debt, Working Capital, Fixed Assets
- Formatting best practices, error tracking, model hygiene
- Addition of essential tabs: Cover Page, Index, Financial Summary

## **Day 4: Specialized Financial Models – LBO, M&A, DCF**

Objective: Master LBO, M&A, and DCF valuation models.

Topics:

- LBO Model: Assumptions, Pro-forma statements, Sources & Uses, IRR, MOIC
- M&A Model: Accretion/Dilution, Synergies, EPS Sensitivity
- DCF Valuation: FCFF vs. FCFE, NOPAT, WACC, CAPM, Cost of Capital
- Terminal value approaches: Gordon Growth, Exit Multiple, H-Model
- Beta calculations, valuation adjustments

## **Day 5: Valuation Techniques & Stakeholder Engagement**

Objective: Apply diverse valuation methods and enhance soft skills.

Topics:

- Relative Valuation: Trading vs. Transaction Comparables, GPC vs. GTM
- Valuation Multiples, EV Calculation, Control Premium, NAV Valuation
- Stakeholder Management: Engagement lifecycle, critical success factors
- Personal Branding: Elevator pitch, impactful reports, strong image projection
- Negotiation: Principles, position building, conflict resolution