

Financial Modeling Essential

Duration 30 - 50 Hours

Topics covered under this program are:

1. Basics of MS Excel

- Introduction to MS Excel
- Different Formatting tools on MS Excel
- Various Statistical Functions
- PIVOT Table
- Excel functions suitable for Financial Modeling purpose
- Creating Financial Modeling Template

2. Valuation and Modeling (Case Study on FMCG):

- Historical Data Analysis
- Valuation Techniques (DCF, FCF, IRR, Relative Valuation etc.)
- WACC, Cost of Equity Analysis
- Revenue Modeling, Cost Modeling, Tax Modeling etc.
- Ratio Analysis
- Sensitivity and Scenario Analysis
- Comparing Valuation Summary

3. Merger and Acquisitions (Microsoft – LinkedIn case):

- Merger Vs. Acquisitions
- Hostile Vs. Friendly offer, evaluating a Merger Bid
- Merger Motives, Form of Payments in a Merger deal
- Due Diligence in M&A
- Estimating Fair Acquisition Price
- Calculating Company valuation
- Finding out comparable companies and defining comparative value matrices

4. Project Finance

- Understanding the Project Finance Model
- Characteristics of Project Finance
- Risk and contractual arrangement to Mitigate Risk
- Understanding the Escrow Arrangement
- Incorporating Date, logical functions and flags to make the Model Flexible
- Incorporating Delays in the Model

- Cash Flow Waterfall model - Modeling Payoffs to Investors using Goal Seek
- Implementing Interest During Construction and Breaking Circular Loops

5. Charting

- Building Primary & Secondary Axis in a Chart
- Radar Charts - Showing the progress of Commercial Property Development
- Waterfall Charts - Showing Funding Breakup for Renewable Energy project
- Football Field - Showing Valuation Summary using Different Parameters
- Gantt Chart - Tracking the status of an Ongoing Project

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