

Financial Modeling - Advance

Duration 60 - 70 Hours

Topics covered under this program are:

1. Basics of MS Excel

- Introduction to MS Excel
- Understanding and Creating Financial Modeling Templates
- Different Formatting tools on MS Excel
- Getting relevant information from string of Data
- Various Statistical Functions
- PIVOT Table
- Excel functions suitable for Financial Modeling purpose

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

- Historical Data Analysis: Data Collection and Data Structuring
- Valuation Techniques (DCF, FCFF, IRR, Relative Valuation etc.)
- WACC, Cost of Equity Analysis
- Revenue Modeling, Cost Modeling, Tax Modeling etc.
- Working capital and Term Loan Modeling: Debt Infusion
- Equity Modeling/Infusion
- Ratio Analysis
- Sensitivity and Scenario Analysis
- Comparing Valuation Summary on Football Field

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
- Model Improvements

5. **MACROS I**

- Introduction to Macros & Advanced Application Building in Excel
- Key Concepts in Macros
- Macros as recorded Robots!
- Form Controls and Active X controls
- Implementing user forms in Excel Macros
- Linking forms to excel cells
- Building flexible Charts in Excel

6. **MACROS II**

- Understanding VBA - Sub & Functions
- Understanding the Relevant Language Constructs
- IDC Implementation using Macros
- Breaking Circular Loops using Macro
- Monte Carlo Simulation
- Basics of Debugging VBA Code

7. **Accenture Case Study**

- Data Collection from Public Sources
- Understanding the Business Profile of the Company
- Modeling Revenue, Expenses Drivers and Income statement
- Modeling Implied EBITDA and Balance sheet projections
- Cash Flow Statement Projection, Valuation and sensitivity analysis
- Calculating Enterprise value and Implied Market capitalization

8. **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

9. **Advance Excel Functions**

- Introduction and Context in Advance functions for Modeling
- Models with Advance Formula and tools
- Revenue Matching (Index match)

- Credit Transition Analysis (Array Function and Lookups)
- Synergy Modeling (Solver)
- Consolidating Revenues from different sheets (Indirect)
- Valuation of Startup in E-Commerce (Goal Seek)

Contact Us: **TOLL FREE – 1800 200 5835**