FINANCIAL MODELLING USING EXCEL

Advanced Excel for Financial Modeling

- Efficient formula writing
- Formula & model auditing
- Advanced cell locking
- Hot Keys to work without the mouseWindows & work with multiple applications

Advanced Analytical Tools & Sensitivity Analysis

- Goal Seek
- Data Tables
- Scenario Manager

Database Functions for Finance

- Advanced SUM IFS
- VLOOKUP
- MATCHINDEX
- MATCH

Intro to Corporate Finance, Accounting, & Modeling

- Net Present Value (NPV) and Internal Rate of Return (IRR)
- How are PV and IRR used in financial modeling?
- How companies raise capital through debt and equity issuances
- Enterprise Value: Calculate the enterprise value for public companies

Enterprise value

- Stocks, dividend yields, trading terminologoy and valuation metrics
- Market Capitalization: Calculate the market cap for public companies
- Shares outstanding: How does share count change over time?

Financial Accounting & Statement Analysis

- Cash vs. accrual accounting
- Assets = Liabilities + Shareholder's Equity
- Annual and quarterly filings, and press releases
- Income Statement: Analyze line items on an income statement; calculate growth rates, and TTM
- Balance Sheet: Review assets, liabilities and shareholder's equity
- Cash Flow Statement: Analyze a public company cash flow statement
- Working Capital: Calculate and understand working capital

Integrated Financial Modeling

- Calculate historical ratios for revenue growth, margins, and working capital
- Project cash flows based on historical metrics
- Create debt, equity, and working capital supporting schedules
- Review how financial statements tie together and balance the model
- Integrate the income statement, balance sheet, and cash flow statement in Excel

Sensitivity Analysis

- Use Data Tables to sensitize the model's key inputs
- Conditional Format with formulas to highlight cells that meet certain criteria
- Calculate the revenue growth required to hit a certain share price

Intro to LBO Modeling

- Create a simple LBO model
- Calculate the IRR and Equity Multiple