

MS Excel Financial Analysis & Modeling

Course Type: Financial Analysis & Technical Skills Training

Description:

This comprehensive training focuses on equipping participants with the skills to perform financial analysis and build robust financial models using Microsoft Excel. The course is designed for finance professionals, entrepreneurs, and analysts who want to make informed financial decisions through data-driven insights and dynamic modeling techniques.

Author Vision:

Mastery of Excel for financial analysis is a core competency for modern finance professionals. This course aims to empower participants with practical Excel skills, from basic financial functions to advanced modeling techniques, ensuring they can build accurate, reliable financial models for business planning, valuation, forecasting, and decision-making.

What You Will Learn:

- **Excel Fundamentals for Finance:** Essential formulas, functions, and tools for financial analysis.
 - **Data Analysis Techniques:** Sorting, filtering, pivot tables, and using Excel's data analysis toolkit.
 - **Financial Statement Analysis:** Building and analyzing income statements, balance sheets, and cash flow statements.
 - **Financial Modeling Principles:** Best practices for creating dynamic and scalable financial models.
 - **Forecasting and Valuation Models:** Techniques for projecting financial performance and valuing businesses using DCF and comparable company analysis.
 - **Scenario and Sensitivity Analysis:** Testing models under different assumptions using Excel tools like data tables and scenario manager.
 - **Visualization for Finance:** Creating dashboards, charts, and graphs to present financial insights effectively.
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Course Outline:

1. **Excel Basics for Financial Analysis**
 - Key Excel functions: SUM, AVERAGE, IF statements, and LOOKUP functions.
 - Formatting and structuring data for analysis.
2. **Data Management & Analysis**

- Advanced sorting and filtering.
 - Using pivot tables and pivot charts for dynamic data analysis.
 - Introduction to Power Query for data transformation.
 - 3. **Financial Statements in Excel**
 - Building dynamic income statements and balance sheets.
 - Linking financial statements for integrated financial modeling.
 - 4. **Core Financial Modeling Techniques**
 - Model design principles: flexibility, transparency, and accuracy.
 - Building assumptions and drivers for dynamic models.
 - Logical functions for scenario analysis.
 - 5. **Valuation and Forecasting Models**
 - Discounted Cash Flow (DCF) modeling.
 - Comparable company analysis.
 - Revenue and expense forecasting methods.
 - 6. **Scenario & Sensitivity Analysis**
 - Creating scenario managers for model stress testing.
 - Sensitivity analysis using data tables and goal seek.
 - 7. **Financial Dashboards & Visualization**
 - Designing executive dashboards for financial insights.
 - Best practices for charting financial data.
 - Automation tips for financial reporting.
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Key Learning Outcomes:

- Proficiency in Excel functions and tools for financial analysis.
 - Ability to build dynamic, scalable financial models.
 - Competence in forecasting, valuation, and scenario analysis.
 - Skills to present financial data clearly using dashboards and visualizations.
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