Excel Applications in Finance & Accounting Training Course

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Riyadh (KSA)



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Why This Course

In today's finance and accounting environment, Excel remains one of the most essential tools for analysis, reporting, modeling, and decision-making. Professionals are expected not only to work quickly with data, but also to build reliable models, automate repetitive tasks, and present financial insights clearly. Strong Excel capability is therefore critical for improving accuracy, efficiency, and confidence in finance-related work.

This intensive 1-week course is designed to enhance Excel skills for finance and accounting professionals. Participants will learn advanced Excel functions, financial modeling techniques, and data analysis tools essential for success in the field. The course combines theoretical knowledge with hands-on practice, ensuring participants can apply their new skills immediately in their work.

What You'll Learn and Practice

By joining this program, you will:

- Master advanced Excel functions and formulas specific to finance and accounting.
- Develop proficiency in creating complex financial models and reports.
- Learn data analysis techniques and visualization tools for financial decision-making.
- Understand best practices for efficient spreadsheet design and management.
- Gain practical skills in automating repetitive tasks using macros and VBA.

The Program Flow

Day 1: Excel Fundamentals for Finance

- Advanced formulas and functions VLOOKUP, INDEX-MATCH, SUMIFS.
- Data validation and protection.
- Financial formatting and custom number formats.
- Pivot tables for financial reporting.

Day 2: Financial Modeling Essentials

- Building a three-statement financial model.
- Forecasting techniques and sensitivity analysis.
- Scenario and what-if analysis.
- Goal Seek and Solver for optimization.



Day 3: Advanced Financial Functions

- Time value of money calculations NPV, IRR, XNPV, XIRR.
- Loan and depreciation schedules.
- Bond valuation and duration calculations.
- Monte Carlo simulation for risk analysis.

Day 4: Data Analysis and Visualization

- Power Query for data cleaning and transformation.
- Creating dynamic dashboards and reports.
- Advanced charting techniques for financial data.
- Conditional formatting for data visualization.

Day 5: Automation and Efficiency

- Introduction to VBA and macro recording.
- Creating custom functions with VBA.
- Automating repetitive tasks in financial reporting.
- Best practices for spreadsheet organization and documentation.

Individual Impact

- Strengthen your ability to use Excel more effectively in finance and accounting work.
- Enhance your skills in financial modeling, reporting, and data analysis.
- Build greater confidence in using advanced formulas, dashboards, and automation tools.
- Gain practical techniques to improve speed, accuracy, and efficiency in everyday tasks.

Work Impact

- Improve the quality and reliability of financial models and reports.
- Strengthen decision-making through better analysis and clearer data presentation.
- Support more efficient reporting processes through automation and improved spreadsheet design.
- Enhance the organization's ability to manage financial data with greater accuracy and productivity.

Training Methodology

This program integrates finance-focused Excel techniques, practical application, and hands-on exercises to ensure real-world relevance and immediate workplace value. Learning methods include:

- Practical exercises in formulas, modeling, and financial calculations.
- Hands-on workshops in dashboard creation, Power Query, and visualization.
- Real-world case studies on reporting, forecasting, and financial analysis.
- Interactive sessions on VBA, automation, and spreadsheet efficiency.
- Frameworks and tools for applying Excel best practices in finance and accounting environments.



Beyond the Course

Upon completion, participants will be better equipped to use Excel with greater confidence, precision, and efficiency in finance and accounting roles. They will return ready to:

- Build stronger financial models and reports more effectively.
- Analyze and present financial data with greater clarity.
- Automate repetitive reporting tasks to save time and reduce errors.
- Apply advanced Excel tools to support faster and more informed financial decisions.

