



**British Training**

# **Financial Modeling - Core Principles and Practical Applications Training Course**

**#FB7871**

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## **Introduction:**

Financial modeling is the backbone of informed decision-making in finance, enabling professionals to transform raw data into actionable insights. At British Training Center, we recognize the growing demand for robust modeling skills across industries. This course bridges theoretical knowledge and hands-on application, equipping learners with the tools to build, analyze, and present financial models confidently. Whether you're forecasting business performance or evaluating investments, this program lays the groundwork for precision and clarity in financial analysis.

## **Training Objectives and Impact:**

### **By the end of this program, participants will be able to:**

- Construct dynamic financial models from scratch using industry-standard frameworks.
- Apply advanced Excel functions and shortcuts to streamline modeling workflows.
- Integrate financial statements (income statement, balance sheet, cash flow) into a cohesive model.
- Perform scenario analysis and sensitivity testing to evaluate business risks and opportunities.
- Validate models to minimize errors and ensure accuracy.
- Interpret model outputs to support strategic decision-making.
- Utilize best practices for documenting and presenting models to stakeholders.

## **Targeted Competencies and Skills:**

- Financial statement analysis.
- Advanced Excel proficiency.
- Data validation and error-checking techniques.
- Scenario planning and risk assessment.
- Critical thinking and problem-solving.
- Effective communication of financial insights.

## **Target Audience:**

### **This program is tailored for:**

- Finance professionals seeking to enhance their modeling expertise.
- Business analysts and investment bankers.
- Corporate managers involved in budgeting and forecasting.
- Entrepreneurs and business owners making data-driven decisions.
- Graduates pursuing careers in finance or consulting.

## **Course Content:**

### **Unit One - Introduction to Financial Modeling Fundamentals:**

- Overview of financial modeling and its real-world applications.
- Key principles of model design and structure.
- Differences between static and dynamic models.
- Essential Excel tools for modeling (formulas, formatting, shortcuts).
- Introduction to financial statements and their interconnections.

### **Unit Two - Building a Financial Model from Scratch:**

- Step-by-step construction of a three-statement model.
- Revenue and expense forecasting techniques.
- Working capital and depreciation calculations.
- Debt scheduling and interest calculations.
- Balancing the balance sheet and troubleshooting errors.

### **Unit Three - Advanced Excel Techniques for Modeling:**

- Mastering lookup functions (VLOOKUP, INDEX-MATCH).
- Data tables for sensitivity analysis.
- Conditional formatting for error identification.
- Macros and automation to improve efficiency.
- Dynamic charts and dashboards for visualization.

### **Unit Four - Scenario Analysis and Risk Evaluation:**

- Creating best-case, worst-case, and base-case scenarios.
- Building tornado and sensitivity charts.
- Monte Carlo simulations for probabilistic outcomes.
- Stress-testing models against economic variables.
- Presenting scenario results to stakeholders.

### **Unit Five - Real-World Applications and Model Optimization:**

- Valuation models (DCF, comparables).
- Mergers and acquisitions (M&A) modeling basics.
- Leveraged buyout (LBO) model overview.
- Model auditing and documentation best practices.
- Final project: Building and presenting a comprehensive financial model.