

Financial Analysis, Modelling & Forecasting



Course Description:

- This leading-edge Pioneers Financial Analysis, Modelling and Forecasting training course will provide you with the essential financial modelling skills to analyze and manage risk and business performance in the turbulent conditions of the 21st century. In today's globally competitive world decision-makers face unprecedented levels of risk and uncertainty and traditional financial analysis and forecasting tools do not provide the flexibility and responsiveness to manage in these demanding conditions. This practical hands-on training course will provide you with the methods and techniques of financial modelling in Excel that will equip you with a set of powerful financial tools with which to anticipate and manage the opportunities and threats confronting your organization.



The Training Course will highlight:

- Competitive challenges for 21st century business
- Advanced skills in financial modelling with Excel
- Mastering the tools and techniques of financial analysis
- Improving forecasting quality and minimizing error
- Effective capital investment decision-making
- Models and techniques for managing risk and uncertainty.

Course Objective:

- **What are the Goals?**
- This Pioneers training course has been designed to provide you with up-to-date knowledge and practical skills in the preparation and interpretation of public sector financial statements and budgets.
- By the end of **this Pioneers** training course, you will have learned to:
 - Design and build practical and effective financial models in Excel.
 - Improve your skills in analyzing and interpreting financial statements.
 - Build financial forecasting models for a range of business applications.
 - Apply financial modelling techniques to investment decision-making.
 - Use a range of tools to analyze and manage business risk.



WHO Should attend?

- This **Pioneers** training course is designed to provide useful insights and practical skills to professionals from a wide range of disciplines and industry sectors, but particularly those involved in planning, forecasting and investment decision-making in an age of risk and uncertainty. This **Pioneers** training course is suitable to a wide range of professionals but will greatly benefit:
 - Financial accounting team members
 - Cost and management accounting staff
 - Finance managers
 - Planning managers
 - Commercial managers
 - Capital investment and project team members.

Training Methods:

- This interactive Training will be highly interactive, with opportunities to advance your opinions and ideas and will include;
- Lectures
Workshop & Work Presentation
Case Studies and Practical Exercise
Videos and General Discussions



Day 1

- **The Competitive Challenge in the 21st Century**
 - Identifying and managing stakeholder needs
 - Business models and how they are disrupted.
 - An integrated approach to risk management
 - The essentials of business performance management
- **Fundamentals of Financial Modelling**
 - Financial statements basics
 - Fundamentals of financial modelling

Day 2

Mastering Financial Analysis

- Building a financial ratio database in Excel
- Practical modelling: The cost-volume-profit relationship
- Measuring and improving return on investment
- Measuring and improving asset management efficiency
- Measuring and managing capital structure and risk
- Practical modelling: The effect of gearing on shareholders' earnings

Day 3

- **Improving Financial Forecasting**
- Practical modelling: using Excel statistical analysis tools.
- Avoiding common forecasting problems
- Using moving averages to analyze time series data.
- Using linear regression for sales trend analysis
- Using Excel Solver to minimize forecasting errors.
- Using regression and correlation to forecast costs.
- Practical modelling: Cash flow forecasting



Day 4

: Financial Models to Improve Investment Decision-making

- Principles of capital investment decision-making
- Sources and cost of business finance
- Practical modelling: using Excel discounted cash flow tools.
- Practical modelling: Capital investment analysis
- Essentials of business valuation
- Practical modelling: Business valuation based on shareholder value added.

Day 5

- **Managing Risk and Uncertainty**
- Identifying and analyzing business risk
- Probability based approach to decision-making.
- Monte Carlo simulation
- Sensitivity analysis and “what-if” forecasting
- Identifying the key drivers of financial performance
- Practical modelling: Key driver “what-if” forecast