Certified Courses

Professional Certificate

Business Intelligence & Analytics for Finance Professionals

INTRODUCTION

- This Business Intelligence and Analytics for Finance Professionals training course will highlight how, in a world where firms face intense competition for both customers and investors, the key challenge for today's finance professional is to step-up and support the value creation process by moving from a narrow reporting role to embrace and exploit the full opportunities provided by today's Business Intelligence (BI) and Business Analytics (BA) systems. This Data Management & Analytics training course will focus on the tools and techniques used by world-class finance functions to provide the critical business insights C-Suite executives need for effective data driven decision management.

This training course will highlight:

- The Vital Role of the 21st Century Finance Function
- How Finance Professionals can fully exploit BI and BA tools
- Using BI and BA to improve business processes and performance
- Principles and Practice in Statistical Analysis and Forecasting
- Practical Skills for Data Visualisation and Infographics
- Applying Agile Methods to BI and BA Systems Development

OBJECTIVES

- This Business Intelligence and Analytics for Finance Professionals training course will explain and practically demonstrate how finance professionals can make effective use of Business Intelligence and Business Analytics techniques to optimise the information and insights presented to managers and senior executives in the context of data driven decision management.

  At the end of this training course, you will learn to:

- Frame financial insights in the context of business process improvement
- Exploit the tools of Business Intelligence and Analytics systems
- Develop financial and non-financial key performance measures
- Apply the tools and techniques of predictive analytics
- Design powerful graphics for data visualisation and infographics

TRAINING METHODOLOGY

- This Business Intelligence and Analytics for Finance Professionals training course will be presented in a highly participative workshop format using seminars, case studies and practical examples. Delegates will have the opportunity to develop practical skills for using predictive analytics for preparing business forecasts and using Excel to design graphics for data visualisation and infographics presentations.

ORGANISATIONAL IMPACT

The organisation will gain through the development and application of capabilities and skills in key areas of communicating key financial insights to decision-makers; specifically benefits will include:

- Improved awareness of key business performance measures
- Greater financial insights from fully exploiting BI and BA systems
- Better integration of financial and non-financial performance measures
- Upgraded data visualisation and infographics
- Raised awareness of modern Agile approach to systems development
- Enhanced results from data driven decision management

PERSONAL IMPACT

- Ability to frame financial insights in the context of business process and performance
- Up to date knowledge of leading edge BI and BA tools and systems
- Practical skills in statistical analysis and predictive analytics
- Greater levels of involvement in management decision-making
- Raised awareness of modern Agile and Scrum approach to system development
- Effective methods for systems implementation and change management

WHO SHOULD ATTEND?

- This Business Intelligence and Analytics for Finance Professionals training course will significantly raise the skills and effectiveness of any finance professional engaged in financial planning, performance management reporting or decision making support in any organisation using modern Enterprise Resource Planning systems supported by Business Intelligence and Business Analytics tools.

This training course is suitable to a wide range of professionals but will greatly benefit:

- Finance Professionals across the organisation
- Head Office Planning Managers
- Budgeting and Forecasting Teams
- Commercial Managers

Course Outline

Understanding Business Models and Business Processes

- Creating Value for Key Organisational Stakeholders
- The Role of the 21st Century Finance Professional
- Business Models and Business Processes
- Business Process Improvement and Re-engineering
- Introduction to Business Intelligence and Business Analytics
- Introduction to Data Driven Decision Management (DDDM)
- Key Financial Measures and Shareholder Value Drivers
- Key Success Factors and Key Performance Measures

Purpose and Principles of Business Intelligence and Business Analytics

- Implementing a Business Performance Management Framework
- The Definition and Purpose of Business Intelligence (BI)
- History and Development
- Features Tools and Terminology of BI Systems
- The Definition and Aims of Business Analytics (BA)
- Understanding Descriptive and Predictive Analytics
- Sources and Types of BI and BA Tools

Principles of Statistical and Predictive Analytics

- Defining Statistical, Descriptive and Predictive Analytics
- Business Database Features and Design
- Principles of Distribution and Probability Theory
- Time Series Data Analysis
- Trend Analysis and Forecasting using Moving Averages
- Trend Analysis and Forecasting using Linear Regression
- Analysis and Forecasting with Monte Carlo Simulation in Excel
- Predictive Analytics using 'what-if' Forecasts

Data Visualisation and Infographics for Finance Professionals

- Defining Data, Information and Insight
- Comparing Data Visualisation and Infographics
- Using Charts and Graphics for Data Visualisation
- Designing Visuals and Infographics for Non-financial Users
- Using Excel and Powerpoint for Data Visualisation
- Designing and Using Scorecards and Dashboards
- Practical Tips for Building Dashboards and Mashboards in Excel

BI / BA – Implementing Systems and Managing Change

- An Agile Approach to Systems Development
- Practical Steps in Agile BI / BA Systems Design and Implementation
- The Importance of Urgency
- Effective Steps to Achieving Change
- Overcoming Resistance to Change

Certified Courses