informatech

ACCOUNTING AND FINANCE | AF-010

Certificate in Data-Driven Budgeting

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Course content

Why Attend

Why Attend Modern budgeting requires more than historical estimates and manual spreadsheets. Organizations need accurate data, predictive insights, and agile planning methods to manage costs, allocate resources, and respond to uncertainty. Data-driven budgeting enables finance teams and managers to build smarter budgets based on evidence, trends, and strategic priorities. This course provides participants with practical tools to modernize budgeting processes using analytics, forecasting, and digital technologies.

Course Methodology This course uses an interactive and practical approach through presentations, case studies, budgeting workshops, group discussions, Excel exercises, dashboard demonstrations, and real business examples.

Course Objectives

- Understand modern data-driven budgeting principles
- Compare traditional and advanced budgeting approaches
- Use financial KPIs to support planning decisions
- Collect, clean, and analyse budgeting data
- Apply forecasting and predictive budgeting methods
- Use Excel, Power BI, and digital tools effectively
- Align budgets with business strategy
- Improve budgeting accuracy and agility

Target Audience

- Finance Managers
- Budget Officers
- Accountants
- Financial Analysts

Course content

Target Audience

- Department Managers
- Planning Professionals
- Anyone involved in budgeting and financial planning

Target Competencies

- Budgeting Skills
- Financial Planning
- Data Analysis
- Forecasting
- KPI Management
- Financial Modelling
- Decision-Making
- Performance Management

Course outline

Day 1: Foundations of Data-Driven Budgeting

- Evolution from traditional budgeting to modern planning
- Core principles of evidence-based budgeting
- Financial KPIs and their role in budget control
- Using operational data to improve budgets
- Impact of Big Data on financial forecasting
- Common budgeting challenges and how to overcome them

Day 2: Data Collection and Budget Analysis

Course content

Course outline

- Identifying internal and external financial data sources
- Data gathering, validation, and cleansing techniques
- Analysing budget data using statistical methods
- Trend analysis and variance recognition
- Detecting anomalies and cost pressures early
- Visualising budget information through charts and dashboards

Day 3: Forecasting and Predictive Budgeting

- Introduction to predictive analytics in finance
- Rolling forecasts and dynamic budgeting methods
- Scenario planning for uncertainty and risk management
- Using machine learning concepts in forecasting
- Building forecasting models in Excel and Power BI
- Case study: Predictive budgeting success example

Day 4: Budgeting Tools and Digital Technologies

- Overview of budgeting software and planning platforms
- Advanced Excel techniques for budget models
- Power BI for budget dashboards and executive reporting
- AI and automation in budgeting workflows
- Integrating finance tools with ERP systems
- Best practices for adopting financial technology

Day 5: Strategic Budgeting and Business Decisions

- Linking budgets to strategic goals and priorities

Course content

Course outline

- Resource allocation based on data insights
- Presenting budgeting recommendations to stakeholders
- Continuous improvement in budgeting processes
- Real-world applications of data-driven budgeting
- Developing a practical budgeting action plan
- Final review and course summary

Seminar dates

Available seminar dates

Live dates and pricing for Certificate in Data-Driven Budgeting generated from the course details page.

Date	Location	Format	Fee
9 - 13 November 2026	Amsterdam - Netherlands	Classroom	**€3,400.-**
16 - 20 November 2026	London - U.K	Classroom	**€3,360.-**
7 - 11 December 2026	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
14 - 18 December 2026	Amsterdam - Netherlands	Classroom	**€3,400.-**
21 - 25 December 2026	London - U.K	Classroom	**€3,360.-**
18 - 22 January 2027	Dubai - UAE	Classroom	**€4,200.-**
15 - 19 February 2027	Barcelona - Spain	Classroom	**€3,080.-**
15 - 19 March 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
19 - 23 April 2027	Geneva - Switzerland	Classroom	**€4,200.-**
17 - 21 May 2027	Barcelona - Spain	Classroom	**€3,080.-**
21 - 25 June 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
19 - 23 July 2027	Rome - Italy	Classroom	**€3,400.-**
16 - 20 August 2027	Barcelona - Spain	Classroom	**€3,080.-**
20 - 24 September 2027	Munich - Germany	Classroom	**€3,400.-**
18 - 22 October 2027	London - U.K	Classroom	**€3,360.-**
15 - 19 November 2027	Munich - Germany	Classroom	**€3,400.-**
20 - 24 December 2027	Madrid - Spain	Classroom	**€3,400.-**