



ACCOUNTING AND FINANCE

Certificate in Data-Driven Budgeting

Course code: AF-010

SPARK TRAINING

Professional training courses for leaders, specialists, and organizations seeking practical capability development.

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— Workshop Overview

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.

Why Attend

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

Who Should Attend

Finance Managers
Budget Officers
Accountants
Financial Analysts
Department Managers
Planning Professionals
Anyone involved in budgeting and financial

— Learning 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

— 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

- 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
- 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

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	Istanbul - Türkiye	€1,425
12 - 16 October 2026	Kuala Lumpur - Malaysia	€1,400
9 - 13 November 2026	Amsterdam - Netherlands	€2,125
16 - 20 November 2026	London - United Kingdom	€2,100
7 - 11 December 2026	Kuala Lumpur - Malaysia	€1,400
14 - 18 December 2026	Amsterdam - Netherlands	€2,125
21 - 25 December 2026	London - United Kingdom	€2,100
18 - 22 January 2027	Dubai - UAE	€2,625

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.