MERCURY

# Professional Financial Data Analytics Skills Development

8 – 12 March 2027
Paris (France)

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# Professional Financial Data Analytics Skills Development

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## Introduction

This Professional Financial Data Analytics Skills Development course provides a foundation in financial data analytics for professionals who need to interpret, organize, and communicate financial information with confidence. Financial analytics uses data analysis, statistical methods, and technology to turn financial data into decision-ready insight. It introduces the principles behind financial data analysis, financial reporting, forecasting, and performance measurement in a practical learning sequence. Modern finance roles rely on data visualization, modeling, and clear reporting to support timely decisions. Participants will learn how to read financial patterns, identify meaningful trends, and apply analytical thinking to business situations. The program strengthens the ability to work with finance dashboards, KPIs, and structured reports. It supports learners who want to move beyond basic reporting toward deeper financial insight.

## Targeted Groups

This Professional Financial Data Analytics Skills Development training targets professionals seeking knowledge and skills:

- Finance analysts who need stronger financial data analysis.
- FP&A staff who support planning, budgeting, and forecasting.
- Accountants who prepare financial reports and performance summaries.
- Managers who read dashboards and decision reports.
- Business analysts who work with financial metrics.
- Team leaders who need clearer data-driven financial insight.

## Course Objectives

Participants will achieve the following objectives by completing the Professional Financial Data Analytics Skills Development course:

- Understand the role of financial analytics in business decision-making.
- Interpret financial data with greater accuracy and confidence.
- Analyze financial statements and performance indicators effectively.
- Organize data for reporting, forecasting, and trend review.
- Apply financial modeling concepts to common business cases.
- Evaluate results using practical KPI and variance analysis.
- Communicate insights in a clear, structured, professional way.
- Strengthen analytical judgment in finance-focused environments.

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## Targeted Competencies

Participants will gain the following competencies during the Professional Financial Data Analytics Skills Development program:

- Financial data interpretation.
- Analytical thinking for finance decisions.
- Reporting and dashboard reading.
- Forecasting and trend evaluation.
- Financial modeling awareness.
- Performance analysis and variance review.
- Data presentation with business clarity.
- Insight-based decision support.

## Studying Scenarios

In this Professional Financial Data Analytics Skills Development training, participants develop skills through the following scenarios:

- Reviewing monthly financial performance and identifying key movements.
- Comparing actual results against budget and explaining variances.
- Assessing sales, costs, and margins across business periods.
- Interpreting dashboard indicators for reporting discussions.
- Preparing analytical summaries for management review.

## Course Content

### Unit 1: Foundations of Financial Data Analytics

- Define financial data analytics and its role in finance decision-making.
- Distinguish between raw data, processed data, and decision-ready information.
- Review the relationship between financial analysis, reporting, and forecasting.
- Identify common data types used in finance, accounting, and planning.
- Explain how analytical thinking improves financial interpretation.
- Explore the value of structured data in professional finance work.

### Unit 2: Financial Data Collection, Cleaning, and Organization

- Identify reliable financial data sources for internal and external analysis.
- Recognize common errors in financial datasets and reporting files.
- Organize information into consistent formats for analysis and review.
- Apply logical checks to improve completeness, accuracy, and usability.
- Compare structured and unstructured financial information.
- Prepare data for summaries, analysis, and performance monitoring.

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## Unit 3: Financial Analysis and Performance Measurement

- Analyze financial statements to understand business performance trends.
- Review revenue, cost, profit, liquidity, and efficiency indicators.
- Calculate and interpret key finance metrics for internal reporting.
- Examine variances and compare actual outcomes with planned results.
- Identify operational patterns that influence financial performance.
- Use financial analysis to support better management discussion.

## Unit 4: Financial Forecasting, Modeling, and Scenario Thinking

- Understand the purpose of forecasting in finance and planning.
- Review basic financial modeling concepts used in business analysis.
- Examine assumptions that influence forecasts and future projections.
- Compare best-case, expected-case, and worst-case scenarios.
- Evaluate how forecasting supports budgeting and strategic planning.
- Interpret model outputs as support for sound financial judgment.

## Unit 5: Data Visualization, Reporting, and Decision Support

- Convert financial data into clear charts, tables, and visual summaries.
- Select the right format for reports, dashboards, and presentations.
- Present analytical findings in a concise and professional style.
- Highlight trends, risks, and opportunities through visual reporting.
- Support leadership with relevant insights and structured recommendations.
- Strengthen communication between finance teams and business leaders.

# Final Insights & Key Takeaways

This course develops practical confidence in financial data analysis, financial reporting, forecasting, and performance interpretation. It helps professionals turn numbers into clear business insight and stronger finance decisions.