Advanced Financial Data Analysis Course

4 – 8 January 2027
Paris (France)



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Introduction

In today's fast-paced and data-driven business landscape, mastering financial data analysis is crucial for informed and strategic decision-making. This course is designed to equip finance professionals, analysts, and decision-makers with the essential skills to extract actionable insights from complex financial statements, assess performance accurately, and guide corporate strategy confidently.

Utilizing the latest developments in financial reporting standards IFRS and US GAAP, financial modeling, and modern tools like Power BI and Tableau, participants will gain hands-on experience in cash flow analysis, ratio analysis, and valuation techniques. The course also addresses the integration of Environmental, Social, and Governance ESG indicators into financial analysis, reflecting the growing importance of sustainability in finance.

Course Objectives

By the end of this course, participants will be able to:

- Understand what is financial analysis, including its core principles and practical applications.
- Apply advanced frameworks for financial statement analysis to uncover hidden insights.
- Conduct comprehensive ratio analysis, trend analysis, and cash flow analysis in real-world scenarios.
- Evaluate financial performance, identify risks, and estimate market value using various financial analysis techniques.
- Use data visualization and AI-based tools Excel, Power BI, Tableau to present impactful financial reports.
- Detect signs of financial fraud, assess earnings quality, and apply forensic analysis for deeper insights.
- Support strategic planning through valuation models, sensitivity analysis, and scenario-based forecasting.



Course Outlines

Day 1: Strategic Overview of Financial Statements

- Exploring the main components of financial statements under IFRS and US GAAP.
- Conducting in-depth financial statement analysis: balance sheet, income statement, and cash flow statement.
- Evaluating earnings quality and identifying potential financial red flags.
- Incorporating ESG indicators into financial data analysis for a more comprehensive view.

Day 2: Advanced Ratio and Trend Analysis

- Deep dive into liquidity, solvency, profitability, and efficiency ratios.
- Applying trend analysis and cross-company comparisons.
- Benchmarking within the industry and adjusting for unusual items.
- Addressing off-balance-sheet items and non-recurring events in financial risk analysis.

Day 3: Cash Flow and Valuation Insights

- Analyzing operating, investing, and financing cash flows.
- Understanding the strategic importance of free cash flow.
- Applying valuation techniques: discounted cash flow DCF, comparables, and economic value added.
- Linking financial analysis to investment decisions and corporate strategy.

Day 4: Risk Indicators, Fraud Detection, and Forensic Insights

- Detecting financial fraud using models like Beneish M-Score and Altman Z-Score.
- Identifying creative accounting practices and potential manipulation.
- Predicting financial distress with early warning indicators.
- Examining real-life case studies in forensic financial analysis and corporate fraud.

Day 5: Digital Tools and Data-Driven Financial Analysis

- Using Excel, Power BI, and Tableau for advanced financial data visualization.
- Applying AI and machine learning to recognize financial patterns.
- Automating financial reporting and dashboard creation.
- Conducting scenario analysis and sensitivity modeling to enhance decision-making and financial planning.



Why Attend This Course? Wins & Losses!

- Gain expert-level knowledge in financial analysis that aligns with IFRS and US GAAP.
- Master practical skills in cash flow forecasting, valuation, and financial planning and analysis.
- Become proficient in using modern tools like Power BI, Tableau, and AI applications in finance.
- Build the ability to detect fraud, identify financial red flags, and apply forensic techniques.
- Improve decision-making through automated dashboards, scenario-based planning, and performance benchmarking.

Conclusion

This course is a comprehensive guide for professionals aiming to elevate their financial analysis skills in line with international standards and digital advancements. Whether you work in corporate finance, investment analysis, or financial planning, this program provides a solid foundation for using data to drive accuracy, strategic insight, and long-term value.

By combining traditional financial statement analysis with modern digital tools, participants will be empowered to conduct high-level evaluations, detect financial risks proactively, and contribute to sustainable organizational growth with confidence and clarity.

