BlackBird
FOR TRAINING

Advanced Financial Data Analysis Course

Los Angeles (USA)

1 - 5 December 2025

UK Traininig
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Advanced Financial Data Analysis Course

Introduction

In today's fast-paced and data-driven business environment, mastering advanced financial data analysis is crucial for strategic decision-making. This course is designed to equip finance professionals, analysts, and decision-makers with the practical skills needed to extract meaningful insights from complex financial statements, enhance performance assessment, and guide corporate strategy.

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

Course Objectives

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

- Analyze and interpret financial statements using advanced analytical frameworks.
- Apply ratio analysis, trend analysis, and cash flow analysis in real business scenarios.
- Evaluate financial performance, identify risks, and estimate the market value of companies.
- Utilize 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 techniques for deeper insight.
- Support strategic planning through valuation models, sensitivity analysis, and scenario-based forecasting.

Course Outlines

Day 1: Strategic Overview of Financial Statements

- Key components of financial statements under IFRS and US GAAP.
- Analyzing the balance sheet, income statement, and cash flow statement for hidden insights.
- Evaluating earnings quality and identifying potential red flags.
- Incorporating ESG indicators into financial analysis and reporting.

Day 2: Advanced Ratio and Trend Analysis

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

Day 3: Cash Flow and Valuation Insights

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

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

- Identifying fraud using models like Beneish M-Score and Altman Z-Score.
- Detecting creative accounting techniques and manipulation.
- Predicting financial distress using early warning indicators.
- Real-life case studies in forensic accounting and corporate fraud.

Day 5: Digital Tools and Data-Driven Financial Analysis

- Using Excel, Power BI, and Tableau for advanced financial visualization.
- Applying AI and machine learning in financial pattern recognition.
- Automating financial reporting and dashboards.
- Conducting scenario analysis and sensitivity modeling for enhanced decision-making.

Why Attend This Course: Wins & Losses!

- Expertise in analyzing complex financial data aligned with IFRS and US GAAP.
- Practical skills in cash flow forecasting, valuation, and financial modeling.
- Proficiency in modern tools like Power BI, Tableau, and AI applications in finance.
- The ability to detect fraud, identify financial red flags, and apply forensic analysis.
- Enhanced decision-making through automated dashboards, scenario planning, and performance benchmarking.

Conclusion

This course is designed for professionals seeking to elevate their financial analytical capabilities in line with global standards and technological advancements. Whether you're in corporate finance, investment analysis, or financial planning, this program provides a robust foundation in using data to drive insight, accuracy, and strategic value.

By combining traditional financial techniques with modern digital tools, participants will be empowered to perform high-level financial evaluations, detect risk proactively, and contribute to strategic growth with confidence and clarity.

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