



ACCOUNTING AND FINANCE

Financial Analysis Modeling and Forecasting

Course code: F01

SPARK TRAINING

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

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— Workshop Overview

Financial professionals are often asked to provide analysis and projections of finances to help management make decisions. By attending this course, you will be able to prepare and build financial analysis models effectively, understand and analyze the time value of money, and prepare forecasted financial statements.

Why Attend

The course is a hands-on workshop that applies MS Excel to model financial analysis and forecasting through different exercises and case studies.

Who Should Attend

Financial controllers, analysts, finance and accounting managers, supervisors, and finance professionals who need to interpret and analyze financial statements and use them to create financial forecast models in their organizations.

— Learning Objectives

- Use financial ratio analysis to interpret organizational financial performance and position
- Calculate financial ratios related to the cash flow statement
- Utilize Microsoft Excel in the time value of money calculations
- Apply MS Excel modeling tools and functions such as spinner, list box, option button, etc.
- Forecast and build models for the three main financial statements

Course Outline

DAY
1

Financial Analysis Techniques

- Vertical analysis and strategy
- Horizontal, trend analysis, and growth

DAY
2

Liquidity analysis:

- Current, quick, and cash ratios, defensive interval, and cash conversion cycle

DAY
3

Asset management and activity ratios:

- Total and fixed assets turnover

DAY
4

Solvency analysis:

- Debt, equity, and times interest earned ratios

DAY
5

Profitability analysis:

- Profit margin, gross margin, return on assets, return on equity, EBITDA
- Day 6: Market and valuation:
- Price earnings and earnings-per-share ratios
- DuPont analysis: The three-step and five-step models
- Limitation of ratio analysis
- Day 7: Cash flow statement: Interpretation and ratio analysis
- Cash flow categories: Operating, investing, and financing
- Cash flow pattern; the cash cow
- Day 8: Cash-flow-related ratios:
- Quality of earnings
- Financial management
- Mandatory cash flow
- Discretionary cash flow
- Day 9: Financial calculations in MS Excel
- Time value of money:
- Present Value (PV) and Net Present Value (NPV)
- Internal Rate of Return (IRR) and Multiple IRR (MIRR)
- Using XNPV and XIRR

- Effective yields and returns
- Day 10: Model construction techniques using Excel
- Data tables
- Goal seek
- Spinner data modeling
- List box data modeling
- Option box data modeling
- Day 11: Modeling projected financial statements
- Micro and macro factors
- Day 12: Forecasting sales
- Estimating market demand
- Estimating company demand
- Developing sales forecast
- Forecasting cost of sales
- Forecasting operating expenses
- Forecasting key assets and liabilities accounts
- Modeling the income statement
- Modeling the balance sheet
- Modeling the cash flow statement

— Upcoming Classroom Dates

DATE	LOCATION	FEE
19 - 23 October 2026	Paris - France	€2,250
2 - 6 November 2026	Frankfurt - Germany	€1,625
21 - 25 December 2026	Barcelona - Spain	€1,925
18 - 22 January 2027	Amsterdam - Netherlands	€2,125
15 - 19 February 2027	London - United Kingdom	€2,100
15 - 19 March 2027	Istanbul - Türkiye	€1,425
19 - 23 April 2027	Vienna - Austria	€2,125
17 - 21 May 2027	Barcelona - Spain	€1,925

— 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.