

Excel Training: Analysis & Reporting for Finance (EXCFIN, 4 jours)

Description

The course Analysis & Reporting for Finance (Excel Training) teaches you how to use MS Excel to present, analyze and format financial data. The training includes data layout, basic math & financial functions and advanced financial analysis with MS Excel. You learn about present value and future value, WACC, IRR, cash flow calculations & interest considerations. Become a financial wizard with MS Excel.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Microsoft Excel Essential Skills Revised

Identifying and Referencing Cells

Working with Cell Contents

Formatting Cells

Working with Formulas

Business Graphics

Exercise: Setting up the Business Data

Working with Data

Characteristics of a Database Layout

Using Cell Names to Prepare the Data

Using Filters to Sort and Filter the Data

Creating Custom Filters to Find the Data you need

Using Search and Find Functions to Locate the Data you need

Using Subtotals to Summarize the Data

Removing Duplicates

Using Custom Functions to Clean the Data

Exercise: Summarizing the Data with Excel Functions

Advanced Functions: Conditional Logic

Using Conditional Formatting

Planning for Conditional Logic

Using a Single If Function to Implement Conditional Logic

Using Multiple If Functions to Implement Complex Conditional Logic

Using the AND and OR Functions to Implement Complex Criteria

Using Negation and DeMorgan's Theorem to Simplify Logic

Exercise: Implementing Complex Logic in Support of Data Cleanup

Performing a Preliminary Analysis of Financial Data

Determining Maximum and Minimum Values

Calculating Measures of Central Tendency: Average and Median

Calculating Dispersion Measures: Variance and Standard Error

Creating Frequency Distributions: Frequency, Relative Frequency and Cumulative Relative Frequency

Displaying Category Totals and Subtotals

Using Pivot Tables for Effective Presentation

Financial Essentials part I: Interest and Payments

Essential Terms and Concepts: Discount Rate, Compound Interest and Net Present Value

Calculating Compound Interest and Factoring In Compounding Frequency

Establishing an Appropriate Discount Rate

Calculating the Future Value of an Investment

Calculate Loan Payments for a Present Value

Calculating the Payback Period and the Discounted Payback Period

Calculating the Present Value of Future Cash Flows

Exercise: Essential Financial Calculations

Financial Essentials part II: Net Present Value and Internal Rate of Return

Essential Definitions: Net Present Value and Internal Rate of Return

The Role of the Discount Rate

Determining a Project's Net Present Value (NPV)

Determining a Project's Internal Rate of Return

Decision Rules for IRR and NPV: When they Agree and When they Disagree

Calculating NPV with Variable Interest Rates

The Multiple NPV Problem

Practical Exercise: Calculating the Net Present Value and the Internal Rate of Return of Future Cash Flows

The Weighted Average Cost of Capital (WACC)

WACC and Financial Justification

Definitions and formula for the WACC

Determining the Cost of Debt

Factoring in Taxes Payable

Determining the Cost of Equity

Calculating the WACC for an Organization

Calculating the WACC for a Project

Using the WACC to make Project Decisions

Using the WACC to determine an Appropriate Discount Rate

Practical Exercise: Calculating the Cost of Debt and the Cost of Equity

Practical Exercise: Using the WACC to make Decisions

Earned Value Management

The EVM Template

The Basics the Earned Value Management

Defining a Method for Measuring Progress

The Basics: Earned Value, Present Value and Actual Cost

About Estimate At Completion and Budget At Completion

Determining Progress: Cost Variance and Schedule Variance

Useful Ratios: CPI, SPI and TCPI

Forecasting: The Art and Science

EAC Forecasts: Budgeted Rate, Present CPI and Present CPI/SPI

Practical Exercise: Using EVM to Assess Progress