

Quantitative Analysis for Accounting and Finance Professionals

Quantitative analysis is an indispensable tool for financial professionals. Unfortunately, the tools are often abstract and difficult to apply. By employing powerful statistical analysis techniques, new opportunities are revealed that redefine the science of problem solving. Presented here in a user-friendly format, this workshop will demystify the practice of statistical analysis and interpretation.

OBJECTIVES

Upon completion of this course, participants will be able to:

- Perform quantitative analyses with confidence for a variety of problem solving scenarios
- Hands-on analyses using PCs and familiar spreadsheet techniques will be used

HIGHLIGHTS

- Case studies that explore both rudimentary and complex business situations
- Software is provided
- Identify trends and patterns in data using spreadsheet methods for analysis
- Apply probability and statistics to solve financial problems including profitability and cash flow
- Develop spreadsheets, graphs, equations and correlation coefficients to understand data
- Communicate results with confidence
- The normal distribution, mean and standard deviation
- Interpret patterns of distortion
- Simple and multiple regression and correlation models
- Monte Carlo simulation
- Optimization models
- Demystifying probability theory
- Data analysis for problem solving
- Applying statistical analysis to detect "creative accounting" and fraud

DESIGNED FOR

Accounting analysts, auditors, CFOs, Controllers, financial managers and operations managers



RECOMMENDED CPE:

8

PREREQUISITE:

Professional degree or equivalent along with a basic knowledge of PCs and spreadsheet technology

EVENT ID:

AF-130

COURSE LEVEL:

Basic

FIELD OF STUDY:

Finance

BLI CURRICULUM:

Business Management

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VENDOR:

Business Learning Institute, Inc.



For information regarding on-site training, email aicpalearning@aicpa.org, call **800.634.6780 (Option 1)**, or visit aicpalearning.org.