



jove

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Topic



100+

Lessons



36

Scientist-In-Action
Videos



Core Learning Objectives

Understand the fundamental concepts of finance including its scope and areas of application.

Analyze the structure and features of bonds and stocks, including their differences and similarities.

Analyze financial management decisions and their impact on organizational performance.

Assess capital budgeting techniques for investment decisions.

Understand weighted average cost of capital and capital structure weights.

Differentiate between financial management and accounting roles.

01

Finance

List of Chapters

- 1.1 Introduction to Business Finance
- 1.2 Financial Markets and Instruments
- 1.3 Analysis of Financial Statements
- 1.4 Financial Ratio Analysis
- 1.5 Time Value of Money
- 1.6 Risk and Return
- 1.7 Capital Budgeting
- 1.8 Cost of Capital
- 1.9 Short-term Financing and Planning
- 1.10 Dividend and Payout Policy
- 1.11 Stock Valuation
- 1.12 Bonds - Concepts and Valuation
- 1.13 Mergers & Acquisitions
- 1.14 Financial Ethics

02

JoVE Core: Statistics

List of Chapters

- 2.1 Understanding Statistics
- 2.2 Summarizing And Visualizing Data
- 2.3 Measure Of Central Tendency
- 2.4 Measures Of Variation
- 2.5 Measures Of Relative Standing
- 2.6 Probability Distributions
- 2.7 Estimates
- 2.8 Distributions
- 2.9 Hypothesis Testing
- 2.10 Analysis Of Variance
- 2.11 Correlation And Regression
- 2.12 Statistics In Practice
- 2.13 Nonparametric Statistics
- 2.14 Biostatistics
- 2.15 Survival Analysis
- 2.16 Statistical Softwares
- 2.17 Control Charts

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