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Nota di contenuto	Economic and Business Forecasting: Analyzing and Interpreting Econometric Results; Copyright; Contents; Preface; Acknowledgments; Chapter 1: Creating Harmony Out of Noisy Data; Effective Decision Making: Characterize the Data; Part IA: Identifying Trend in a Time Series: GDP and Public Deficits; Part IB: Identifying the Cycle for a Time Series; Part IC: Identifying the Subcycles of Economic Behavior: Use of the HP Filter; Part ID: Spotting Structural Breaks in a Time Series; Part IE: Unit Root Tests; Part IF: Modeling the Cycle; Part IG: Cointegration and Error Correction Model Part IH: Causality-What Drives What?Part II: Measuring Volatility: ARCH/GARCH; Part IIA: Forecasting with a Regression Model; Part IIB: Forecasting Recession/Regime Switch as Either/or Outcomes; Part IIC: Forecasting with Vector Autoregression; Part IID: Forecast Evaluation; Chapter 2: First, Understand the Data; Growth: How is the Economy Doing Overall?; Personal Consumption; Gross Private Domestic Investment; Government Purchases; Net Exports of Goods and Services; Real Final Sales and Gross Domestic Purchases; The Labor Market:

Always a Core Issue; Establishment Survey

Data Revision: A Special Consideration  
The Household Survey; Marrying the Labor Market Indicators Together; Jobless Claims; Inflation;

Consumer Price Index: A Society's Inflation Benchmark; Producer Price Index; Personal Consumption Expenditure Deflator: The Inflation Benchmark for Monetary Policy; Interest Rates: Price of Credit; The Dollar and Exchange Rates: The United States in a Global Economy; Corporate Profits; Summary; Chapter 3: Financial Ratios; Profitability Ratios; Return on Equity; Return on Assets; Corporate Profits as a Percentage of GDP; Liquidity Ratios; Leverage Ratios

Investment Valuation Ratio  
Summary; Chapter 4: Characterizing a Time Series; Why Characterize a Time Series?; How to Characterize a Time Series; Putting Simple Statistical Measures to Work; Identifying a Time Trend in a Series; Identifying the Cycle in a Time Series; Testing for a Unit Root; Structural Change: A New Normal?; Separating Cycle and Trend in a Time Series: The Hodrick-Prescott Filter; Application:

Judging Economic Volatility; Look at the Data; Putting Simple Statistical Measures to Work; Corporate Profits; Focus on the Labor Market Using Monthly Data

Financial Market Volatility: Assessing Risk  
Summary; Chapter 5: Characterizing a Relationship between Time Series; Important Test Statistics in Identifying Statistically Significant Relationships; Level of Significance and p-value; The t-Value or t-Test; The F-Test; R<sup>2</sup> and Adjusted R<sup>2</sup>; White Noise/Autocorrelation Detection Tests; Model Selection Criteria: The AIC and SIC; Simple Econometric Techniques to Determine a Statistical Relationship; Correlation Analysis; Regression Analysis; Advanced Econometric Techniques to Determine a Statistical Relationship; Cointegration Analysis  
The Error Correction Model

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## Sommario/riassunto

Discover the secrets to applying simple econometric techniques to improve forecasting. Equipping analysts, practitioners, and graduate students with a statistical framework to make effective decisions based on the application of simple economic and statistical methods, *Economic and Business Forecasting* offers a comprehensive and practical approach to quantifying and accurate forecasting of key variables. Using simple econometric techniques, author John E. Silvia focuses on a select set of major economic and financial variables, revealing how to optimally use statistical software.

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