

# Business Analytics for Decision Making



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## Short Description

**PTU university mba Business Analytics for Decision Making SOLVED PAPERS AND GUESS**

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**Product Details: PTU university mba Business Analytics for Decision Making SOLVED PAPERS AND GUESS**

**Pub. Date: NEW EDITION APPLICABLE FOR Current EXAM**

**Publisher: MEHTA SOLUTIONS**

**Edition Description: 2019-20**

**RATING OF BOOK: EXCELLENT**

### **ABOUT THE BOOK**

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## **Business Analytics for Decision Making**

Course Objective: The course aims at equipping students with an understanding of the research process, tools and techniques in order to facilitate managerial decision making.

### **Unit I**

Introduction to Statistics: Meaning, Importance, Applications of inferential statistics in managerial decision making. Collection of Data: concept of primary data and secondary data, sources of primary data and secondary data, Classification and Tabulation of Data: Concept and types of classification, construction of frequency distributions, tabulation of data: role of tabulation, parts of table, rules of tabulation, review of table, types of table.

Sampling: Concept, definitions, census and sampling, probability and non probability methods of sampling, relationship between sample size and errors.

### **Unit II**

Sampling Distributions: Concept and standard error.

Hypothesis Testing: Formulation of hypothesis, procedure of hypothesis testing, errors in testing of hypothesis, tests of significance for large samples, tests of significance for small samples, application of t-test, Z-test, F-test and Chi-square test and Goodness of fit, ANOVA.

Techniques of association of attributes.

### **Unit III**

Business Forecasting: Introduction, Role of forecasting in business, Steps in forecasting and methods of forecasting.

Correlation: Partial and Multiple correlation.

Regression Analysis: Multiple regression analysis, Testing the assumptions of regression: multicollinearity, heteroscedasticity and autocorrelation.

### **Unit IV**

Index Number: Definition, importance of index number in managerial decision making, methods of construction, tests of consistency, base shifting, splicing and deflation, problems in construction.

Time Series Analysis: Meaning, component and, methods of time series analysis.

Trend analysis: Least square method, linear and non linear equations, applications of time series in business decision making.

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**2. Delivery in 5-7 days**

**3. Courier india only**

**4. Rating of product : largest selling**

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