



Satuan Acara Pengajaran

ECEU601200 - Statistika Ekonomi dan Bisnis

Pengajar

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Minggu 1

Materi Introduction and Descriptive Analysis I

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Referensi

Aktivitas

Minggu 2

Materi Central Tendencies&Dispersion
- Arithmetic mean, geometric mean, median, mode, weighted arithmetic mean
- Standard Deviation and variance
- Coefficient of Variation
- Quartile, Decile, and Percentile

Media

Referensi

Aktivitas

Minggu 3

- Materi** Descriptive Analysis II: Displaying and Exploring Data
- Dot plots
 - Stem-and-Leaf Displays
 - Box Plots
 - Outliers
 - Scatter Diagram
 - Contingency Table
-

Media

Referensi

Aktivitas

Minggu 4

- Materi** Index Numbers
- Simple Index, Aggregate Index
 - Weighted Indexes
 - Nominal and real value
 - Changing the base year
 - Economic Application
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Media

Referensi

Aktivitas

Minggu 5

- Materi** Probability Concepts (1)
- Probability Rules
 - Basic Concept of Probability, permutation and combination
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Media

Referensi

Aktivitas

Minggu 6

- Materi** Probability Concepts (2)
- Joint Probability
 - Conditional Probability
 - Expected value and payoff tables
 - Tree Diagram
-

Media

Referensi

Aktivitas

Minggu 7

- Materi** Probability Distribution
- Discrete and Continuous Random Variable
 - Mean and Variance of Probability Distribution
 - Binomial Probability Distribution
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Referensi

Aktivitas

Minggu 8

- Materi** Other Discrete Distributions
- Poisson Probability Distribution
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Referensi

Aktivitas

Minggu 9

- Materi** Continuous Distribution
- Uniform Distribution
 - Normal Probability Distribution
 - Normal Probability Distribution as approximation of Binomial and Poisson Probability Distribution
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Referensi

Aktivitas

Minggu 10

Materi Sampling Distribution
- Introductions to Sampling Methods
- Introductions to Sampling Distributions
- Sampling Distributions of the sample Mean
- Sampling Distributions of the sample Proportion

Media

Referensi

Aktivitas

Minggu 11

Materi Inferential Statistics: Interval Estimation
1. Introduction to inferential statistics (mean and proportion):
 (a) Point estimation
 (b) Interval estimation

Media

Referensi

Aktivitas

Minggu 12

Materi Inferential Statistics: Interval Estimation
2. Determining the sample size: Mean and Proportion

Media

Referensi

Aktivitas

Minggu 13

Materi Hypothesis Testing (1)
- Hypothesis-Testing Procedure
- Hypothesis Testing of Arithmetic Mean

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Aktivitas

Minggu 14

Materi Hypothesis Testing (2)
- Hypothesis Testing of Proportion
- Type I and type II errors
- Final review

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Referensi

Aktivitas
