

Unit 4 - Week 3

Course outline

How to access the portal

Week 1

Week 2

Week 3

- Cluster Analysis- Part VII
- Understanding Time Series- Part I
- Understanding Time Series- Part II
- Understanding Time Series- Part III
- Understanding Time Series- Part IV
- Quiz : Assignment 3**
- Solution For Assignment 3

Week 4

FEEDBACK LINK

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Transcriptions

Assignment 3

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Due on 2019-08-21, 23:59 IST.

1) A set of observations recorded over successive equally spaced points in time is called:

1 point

- Pooled data
- Time series data
- Cross-sectional data
- Panel data

No, the answer is incorrect.
Score: 0

Accepted Answers:
Time series data

2) Which of the following is relatively easier to estimate in time series modeling?

1 point

- Seasonality
- Cyclical
- Trend
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Seasonality

3) Which of the following time-series components does not characteristics the underlying behavior of time-series plot? **1 point**

- Level
- Trend
- Seasonality
- Noise

No, the answer is incorrect.
Score: 0

Accepted Answers:
Noise

4) Which of the following is a major problem for forecasting, especially when using regression?

1 point

- The past cannot be known
- The future exactly follows the patterns of past
- The future may not follow the patterns of the past
- The future is not ascertained

No, the answer is incorrect.
Score: 0

Accepted Answers:
The future may not follow the patterns of the past

5) Using regression analysis for time series forecasting a high value of R² suggests that we can:

1 point

- Have less confidence in forecast
- Reasonably confident in forecast
- Have no confidence in forecast
- Totally confidence in forecast

No, the answer is incorrect.
Score: 0

Accepted Answers:
Reasonably confident in forecast

6) The first step in time series analysis is to:

1 point

- Perform preliminary regression calculations
- Calculate a moving average
- Plot the data on a graph
- Identify relevant correlated variables

No, the answer is incorrect.
Score: 0

Accepted Answers:
Plot the data on a graph

7) The cyclical component of time series data is usually estimated during:

1 point

- Linear regression analysis
- Moving average
- Exponential smoothing
- Qualitative methods

No, the answer is incorrect.
Score: 0

Accepted Answers:
Qualitative methods

8) A hike in prices before a festival is an example of:

1 point

- Irregularity
- Seasonality
- Cyclical
- Randomness

No, the answer is incorrect.
Score: 0

Accepted Answers:
Seasonality

9) A long run increase or decrease in data is known to be:

1 point

- Seasonal
- Trend
- Cyclic
- Randomness

No, the answer is incorrect.
Score: 0

Accepted Answers:
Trend

10)The root mean square error is a measure of:

1 point

- Sample size
- Moving average
- Exponential smoothing
- Forecast Accuracy

No, the answer is incorrect.
Score: 0

Accepted Answers:
Forecast Accuracy