

Unit 8 - Week 6

Course outline

How to access the portal

Week 0

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

● Lecture 19: Machine Learning

● Lecture 20: Correlation

● Lecture 21: Correlation continued

● Lecture 22: Regression

○ Quiz : Assignment - 6

● Feedback form for week 6

○ Solutions - Assignment 6

Week 7

Week 8

Assignment - 6

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

Due on 2019-10-09, 23:59 IST.

1) Error increases with lots of (distinct) observations.

2 points

- ☐ True
☐ False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

2) Read the following statement and choose the most appropriate option from below.

2 points

Statement I: The t-distribution has more area in the tails and centre as compared to that of standard normal distribution.
Statement II: Regression analysis can be used for predictions.

- ☐ Statement I is correct and Statement II is correct.
☐ Statement I is wrong and Statement II is correct.
☐ Statement I is wrong and Statement II is wrong.
☐ Statement I is wrong and Statement II is wrong.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Statement I is wrong and Statement II is correct.

3) Read the statement given below.

2 points

It is suitable to have comparatively less number of parameters than the total number of observations in the datasets for training machine learning algorithms.

- ☐ True
☐ False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

4) Part correlation coefficient is a special case for:

2 points

- ☐ Correlation coefficient
☐ Partial correlation coefficient

No, the answer is incorrect.
Score: 0

Accepted Answers:
Partial correlation coefficient

5) A dataset has five distinct parameters where each parameter has an error of 12%. What is the overall error?

2 points

- ☐ 47.2%
☐ 82.6%
☐ 74.3%
☐ 78.5%

No, the answer is incorrect.
Score: 0

Accepted Answers:
47.2%