Assignment - 8

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

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

1) With a decrease in the flexibility of the model, the interpretability of the model will __________

- increase
- decrease
- remains the same

No, the answer is incorrect.
Score: 0
Accepted Answers: increase

2) In the process of in-sample validation, the test dataset is a part of train dataset.

- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers: True

3) Choose the correct statement from below.

- In the k-Nearest neighbor algorithm, the variance will increase with a high value of the parameter ‘k’.
- In the k-Nearest neighbor algorithm, the bias will increase with a high value of the parameter ‘k’.
- In the k-Nearest neighbor algorithm, the bias will remain unchanged with a high value of the parameter ‘k’.

No, the answer is incorrect.
Score: 0
Accepted Answers: In the k-Nearest neighbor algorithm, the bias will increase with a high value of the parameter ‘k’.

4) Given P(A) = 0.3, P(B|A) = 0.2 and P(B/A) = 0.4. Evaluate P(A/B).

- 0.9
- 0.7
- 0.6
- 0.25

No, the answer is incorrect.
Score: 0
Accepted Answers: 0.6

5) The Naive Bayes algorithm is useful for online machine learning applications.

- True
- False

No, the answer is incorrect.
Score: 0
Accepted Answers: True