Assignment 7

The due date for submitting this assignment has passed. Due on 2018-03-14, 23:59 IST.

Submitted assignment

1) All of the following steps are part of Naïve Bayes method except-

- Find all the other records where the predictor values are same
- Determine what classes they all belong to and which is more prevalent
- Assign that class to the old record
- None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
(c) Assign that class to the old record

2) Which of the following is a basis of Naïve Bayes method?

- Pie Chart
- Regression
- Conditional Probability
- Pivot Table

No, the answer is incorrect.
Score: 0

Accepted Answers:
(c) Conditional Probability

3) Which of the following is an advantage of Naïve Bayes classifier?

- Simplicity
- Computational efficiency
- Good classification performance
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
(d) All of the above

4) Which of the following is necessary to establish in Naïve Bayes method?

- Beta Value
- Cutoff Probability
- Alpha value
- Gamma Value

No, the answer is incorrect.
Score: 0

Accepted Answers:
(d) All of the above
5) If computed probability value is greater than cut off probability value then which of the following step would be required?

- (a) Delete the observation
- (b) Assign the new observation to the class of interest
- (c) Do not assign the new record to the class of interest
- (d) New cut off probability is required

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b) Cutoff Probability

6) Which of the following is not true for Bayes model for classification?

- (a) Predictors should also be categorical
- (b) Numerical variables need not to be converted into categorical
- (c) Naïve Bayes classifiers are highly scalable
- (d) All the records are used instead of relying on just the matching records

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b) Numerical variables need not to be converted into categorical

7) Statement I: Naïve Bayesian Classifier can be used only with categorical variables.
Statement II: In Naïve Bayes, predictor’s values (x1, x2,……xp) occur independent of each other for a given class

Which of the following is true?

- (a) Statement I is true and Statement II is false
- (b) Statement II is true and Statement I is false
- (c) Both the statements are true
- (d) None of the statement are true

No, the answer is incorrect.
Score: 0
Accepted Answers:
(c) Both the statements are true

8) Naïve Bayes formula works well for-

- (a) Prediction
- (b) Classification
- (c) Association
- (d) Clustering

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b) Classification

9) Which of the following is true about Naïve Bayes?

- (a) Use of conditional probability
- (b) Class of interest
- (c) Use of categorical variables
- (d) All of the above
Predicting fraudulent financial reports is an example of?

- (a) Z-test
- (b) Naïve Bayes
- (c) Linear Programming
- (d) None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
(b) Naïve Bayes