**MCQ-5**

https://www.sanfoundry.com/data-science-questions-answers-prediction-motivation/

**1. Which of the following is characteristic of best machine learning method?**

a) Fast

b) Accuracy

c) Scalable

d) All of the mentioned

2. True positive means correctly rejected.

a) True

b) False

3. Which of the following trade-off occurs during prediction?

a) Speed vs Accuracy

b) Simplicity vs Accuracy

c) Scalability vs Accuracy

d) None of the mentioned

4. Which of the following expression is true?

a) In sample error < out sample error

b) In sample error > out sample error

c) In sample error = out sample error

d) All of the mentioned

5. Backtesting is a key component of effective trading-system development.

a) True

b) False

6)what is the basic idea behind choosing the best split in the data?

a. Resultant nodes should be as hetrogenous as possible

b. Resultant nodes should be as homogenous as possible

c. Resultant nodes should have the exact same number of observations

7)only continous variables can be used to split the data in decision tree.

True/False?

8)

9)

10)