Test your Knowledge

This lesson has a quiz that tests the learners on the concepts learned in this lesson.
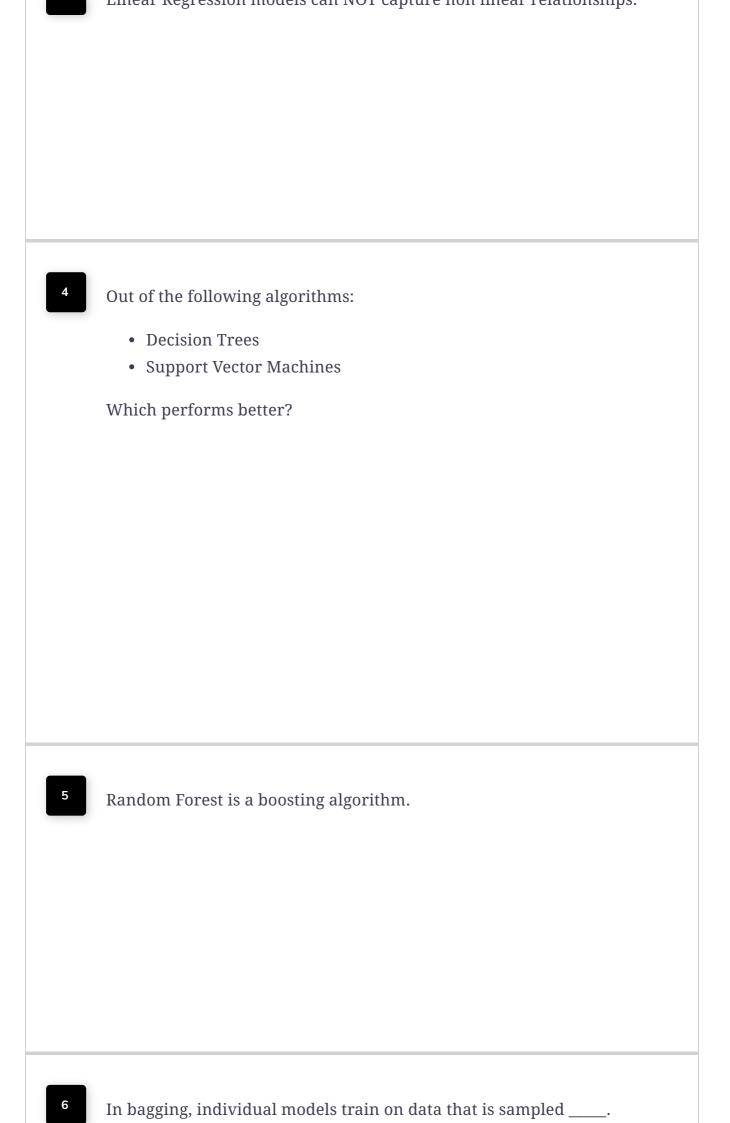
Quiz on Machine Learning in Python

1	Artificial Intelligence is a sub domain of Machine Learning.

2	Decision Trees capture non linear relationships between variables.

3	Linear Regression models can NOT capture non linear relationships

Linear Regression models can NOT capture non-linear relationships.

4 Out of the following algorithms:

- Decision Trees
- Support Vector Machines

Which performs better?

5 Random Forest is a boosting algorithm.

6 In bagging, individual models train on data that is sampled _____.

7 Which of the following algorithms can be used for unsupervised learning? Check all answer that you think are correct.

8 PCA is used for

9

```python
km = KMeans(n_clusters = 2)
km.fit(data)
result = km.predict(data)
```

In the above code, what is being stored in `result` ?

10

Clustering can NOT be used to segment customer groups.

Check Answers