

Quiz5

Deadline	Monday, 29 June 2020 at 11:20AM
Latest Submission	<i>no submission yet</i>
Maximum Mark	5

Question 1 (1 mark)

A company has build a kNN classifier that gets 100% accuracy on training data. When they deployed this model on client side it has been found that the model is not at all accurate.

(a) <input type="radio"/>	It is probably a overfitted model
(b) <input type="radio"/>	It is probably a underfitted model
(c) <input type="radio"/>	None of the above

Question 2 (1 mark)

What is the best approach to solve this question:

What is the average weekly salary of all female employees under forty years of age?

(a) <input type="radio"/>	Supervised Machine Learning
(b) <input type="radio"/>	Unsupervised Machine learning
(c) <input type="radio"/>	Data Query

Question 3 (1 mark)

In Hierarchical Clustering, how can we determine the number of clusters?

(a) <input type="radio"/>	only by using domain knowledge of the data
(b) <input type="radio"/>	by using a dendrogram
(c) <input type="radio"/>	using decesion trees

Question 4 (1 mark)

what could be considered a limitation of collaborative filtering recommendation systems

(a) <input type="radio"/>	1. Cold Start Problem
(b) <input type="radio"/>	Popularity Bias
(c) <input type="radio"/>	Tend to recommend popular items
(d) <input type="radio"/>	All of the above

Question 5 (1 mark)

Is this statement true or false: "Collaborative Filtering recommendation systems do not require information about the items themselves"

(a) <input type="radio"/>	True
(b) <input type="radio"/>	False