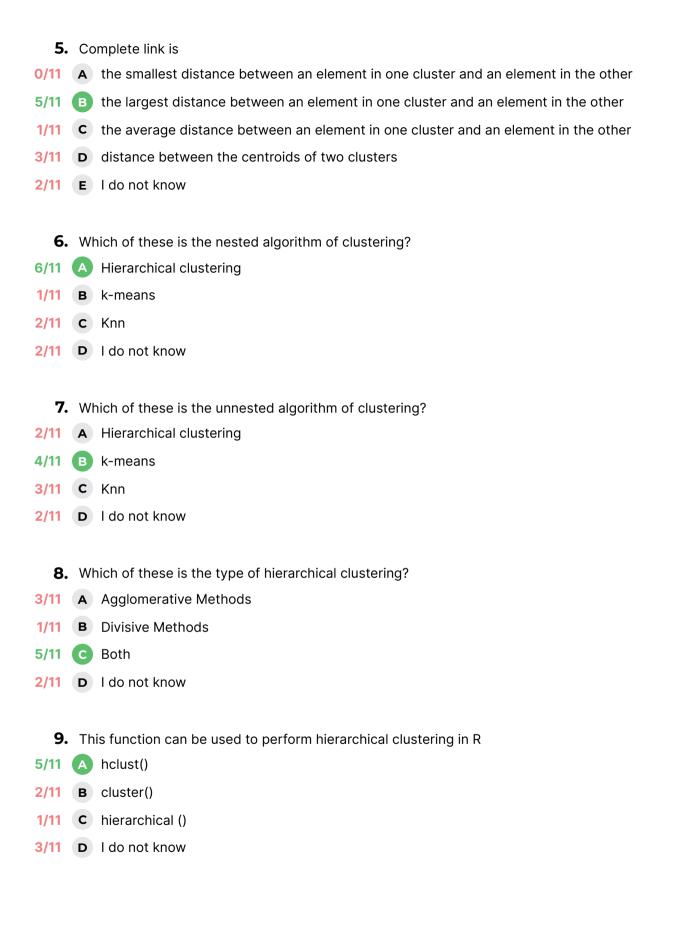


DM-Quiz-2020-Q8

15 Questions

- 1. Cluster Analysis is
- 9/11 A Unsupervised learning technique
- 1/11 B Supervised learning technique
- 1/11 C I do not know
 - 2. Distance between records and distance between clusters are the same
- **1/11 A** True
- 10/11 B False
- 0/11 C I do not know
 - 3. Which of these is the measure of between clusters distance?
- 2/11 A Single link
- 1/11 B Complete link
- 0/11 C Average link
- 1/11 D Centroid
- 6/11 (E) All of them
- 1/11 F I do not know
 - 4. Single link is
- 5/11 A the smallest distance between an element in one cluster and an element in the other
- 0/11 B the largest distance between an element in one cluster and an element in the other
- 2/11 (C) the average distance between an element in one cluster and an element in the other
- 2/11 D distance between the centroids of two clusters
- 2/11 E I do not know



10.	0. This function can be used to perform k-means clustering in R	
9/11	A	kmeans()
1/11	В	kclust()
0/11	C	kmenscl()
1/11	D	I do not know
11.	Do	we need to worry about scaling in clustering?
9/11	A	Yes
2/11	В	No
0/11	C	I do not know
12.	Th	e goal of Cluster Analysis is
9/11	A	That the objects within a group be similar (or related) to one another and different from (or unrelated to) the objects in other groups
1/11	В	That the objects within a group be different from (or unrelated to) to one another and similar (or related) the objects in other groups
0/11	C	That the objects within a group be similar (or related) to one another and the same for the objects in other groups
0/11	D	To classify the object as similar as did in the data
1/11	E	I do no know
13.	Clu	uster Analysis can be considered as
9/11	A	unsupervised classification
2/11	В	supervised classification
0/11	C	supervised regression
0/11	D	I do not know
14.	Exc	clusive clustering
6/11	A	Assign each object to a single cluster
2/11	В	Assign each object to more than one cluster
1/11	C	Assign each object to cluster with the highest number of data points
2/11	D	I do not know

- 15. Partial clustering can be considered if
- 5/11 A some objects in a data set may not belong to well-defined groups
- **0/11 B** assigns every object to a cluster
- 2/11 C assigns every object to a cluster with some probability
- 4/11 D I do not know