☰

Week 8: Assignment 8 (Non Graded)

Note : This assignment is only for practice purpose and it will not be counted towards the Final score

1) The within cluster sum of squares for each cluster (the order of values in each option could be different):-   **1 point**

○ 11.95246   19.62285   46.74796
○ 8.561523   10.39874   35.26852
◉ 10.62285   15.64962   43.25469
○ 12.35869   18.36987   40.36756

No, the answer is incorrect.
Score: 0
Accepted Answers:
11.95246   19.62285   46.74796

2) The size of each cluster is (the order of values in each option could be different):-   **1 point**

○ 10   17   20
○ 11   18   25
○ 13   17   20
◉ 9   11   18

No, the answer is incorrect.
Score: 0
Accepted Answers:
13   17   20

3) Which of the following term(s) is/are associated with K-means clustering?   **1 point**

☐ Distance metric
☐ Cluster centers
☑ Dendrogram
☐ Elbow method

No, the answer is incorrect.
Score: 0
Accepted Answers:
Distance metric
Cluster centers
Elbow method

4) Which method of analysis does not need an independent and dependent variable(s)?   **1 point**

○ Regression analysis
○ Discriminant analysis
◉ Cluster analysis
○ Analysis of variance

Yes, the answer is correct.
Score: 1
Accepted Answers:
Cluster analysis

5) The Euclidean distance between the two data points X (-4,4) and Y (8,8) is _____ (Rounded off to three decimal places)

34

No, the answer is incorrect.
Score: 0
Accepted Answers:
(Type: Range) 12.645,12.650

1 point

Check Answers and Submit

Your score is: 1/5