



Quiz

1 

What does cosine similarity measure (in terms of a dataset)?



A) The number of identical feature values between two data observations



B) The similarity in a particular feature column for two data observations



C) The similarity between two feature values for a particular data observation

Your Answer



D) The proportional similarity in feature values between two data observations

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What does the K represent in K-means clustering?

Your Answer



A) The number of clusters specified prior to starting the algorithm

- ☐ B) The number of clusters automatically determined by the algorithm



- ☐ C) The average number of data points in each cluster

- ☐ D) The minimum number of data points in each cluster



Which of the following algorithms automatically determines the number of clusters?

- ☐ A) K-means clustering

Your Answer



B) DBSCAN clustering

- ☐ C) Adjusted Rand index

- ☐ D) None of the above



Which of the following is inaccurate about adjusted Rand index?

- ☐ A) The values range from -1 to 1

- ☐ B) It is not affected by permutations in the labeling



- ☐ C) The ARI function in scikit-learn is symmetric (i.e. can swap argument order)



Your Answer

- ☒ D) It is corrected-for-chance: random labelings always get a score of -1

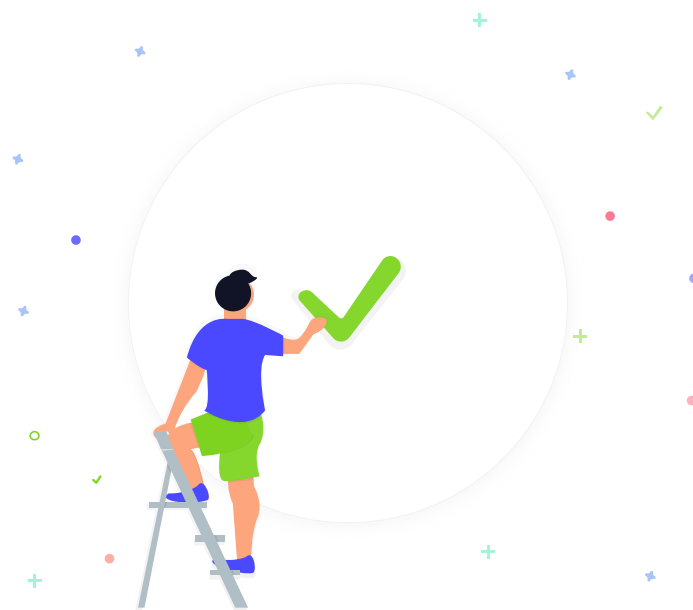
SUMMARY

Correct

4

Incorrect

0



Awesome! you got all 4 correct!

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