

# Applied Data Science - Quiz 4

Name \*

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B9-3A5E



KNN Algorithm can be used for \*

- ☐ Only for Classification
- ☐ Only for Regression
- ☒ Both Classification and Regression
- ☐ None of the Mentioned

The goal of clustering a set of data \*  
is to

- ☐ divide them into groups of data that are near each other
- ☒ choose the best data from the set
- ☐ determine the nearest neighbors of each of the data
- ☐ predict the class of data



The most commonly used measure of similarity is the \_\_\_\_ or its square. \*

- ☒ euclidean distance
- ☐ city-block distance
- ☐ Chebychev's distance
- ☐ Manhattan distance

Which of the following is required by K-means clustering? \*

- ☐ defined distance metric
- ☐ number of clusters
- ☐ initial guess as to cluster centroids
- ☒ All of the above

which of the following is an ibm cloud service \*

- ☐ IBM watson
- ☐ IBM NODRED
- ☒ AUTO-AI
- ☐ All of the above

Which cross validation method use \*  
for hyperparameter tuning in  
machine learning

- ☐ Grid-searchcv
- ☒ Randomisedsearchcv
- ☐ BOTH
- ☐ None of the above

Techniques used for handling imbalanced dataset

\*

- ☐ SMOTE
- ☒ Option OVERSAMPLING
- ☐ UNDERSAMPLING
- ☐ All of the above

Flask is a web development framework created in \_\_\_\_\_ language

\*

- ☐ C
- ☒ Python
- ☐ Java
- ☐ Javascript

What is WSGI? \*

- ☒ Web Server Gateway Interface
- ☐ Web Service Gateway Interface
- ☐ Website Server Gateway Interface
- ☐ Web Static Gateway Interface

What is the purpose of the Kernel Trick? \*

- ☐ To transform the problem from supervised to unsupervised learning.
- ☐ To transform the problem from regression to classification
- ☐ To transform the data from nonlinearly separable to linearly separable
- ☒ To transform the problem from supervised to unsupervised learning

