



Applied Data Science - Quiz 4

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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



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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

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