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

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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