Applied Data Science - Quiz 4

Name *

M MUTHALAGAN

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921619106040

Registered Email id *

Please enter the email id used to login to
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sketchnaveen6068@gmail.com

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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

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