

K-MEANS ASSIGNMENT QUIZ


How many columns contain null data?

Marked Answer :

4

Correct Answer :

4

MARKS OBTAINED  1 TOTAL MARKS : 1


How many status ids are unique?

Marked Answer :

6997

Correct Answer :

6997

MARKS OBTAINED  1 TOTAL MARKS : 1


How many video post has been made for live selling:

Marked Answer :

2334

Correct Answer :

2334

MARKS OBTAINED  1 TOTAL MARKS : 1


How many likes have been given to the photo posted on 4/19/2018 at 22:26?

Marked Answer :

379

Correct Answer :

379

MARKS OBTAINED  1 TOTAL MARKS : 1


How many total shares were made for the video post that was posted on 7/15/2017 at 10:52?

Marked Answer :

167

Correct Answer :

167

MARKS OBTAINED  1 TOTAL MARKS : 1


What does k means do?

Marked Answer :

Group similar elements

Correct Answer :

Group similar elements

MARKS OBTAINED  1 TOTAL MARKS : 1

4/1/24, 9:59 PM

Intellipaat

What output will the below code give?

colour=['red','blue','green','yellow','cyan']

n=0

for i in range(0,len(colour)):


plt.scatter(X[df['Clusters(5)']==i],Y[df['Clusters(5)']==i],s=10,c=colour[i]) plt.scatter(k.cluster_centers_[:,0],k.cluster_centers_[:,1], color='black')

Marked Answer :

Gives 5 clusters with midpoints

Correct Answer :

Gives 5 clusters with midpoints

MARKS OBTAINED  1

TOTAL MARKS : 1


Which method is used to decide the optimal number of clusters in k-means clustering?

Marked Answer :

Elbow method

Correct Answer :

Elbow method

MARKS OBTAINED  1

TOTAL MARKS : 1


In what cases is K Means used?

Marked Answer :

Clustering

Correct Answer :

Clustering

MARKS OBTAINED  1

TOTAL MARKS : 1


For exploration, do we use Hierarchical Clustering?

Marked Answer :

TRUE

Correct Answer :

TRUE

MARKS OBTAINED  1

TOTAL MARKS : 1


Which is the function used for the K Means?

Marked Answer :

KMeans

Correct Answer :

KMeans

MARKS OBTAINED  1

TOTAL MARKS : 1


How to train the K-means model?

Marked Answer :

fit()

Correct Answer :

fit()

MARKS OBTAINED  1

TOTAL MARKS : 1


What does random_state do?

Marked Answer :

Checks and validate data when code is run multiple times.

Correct Answer :

Checks and validate data when code is run multiple times.

MARKS OBTAINED  1

TOTAL MARKS : 1


How to check which data is placed under which Cluster?

Marked Answer :

Labels_

Correct Answer :

Labels_

MARKS OBTAINED  1

TOTAL MARKS : 1


Why do we perform standard scalar?

Marked Answer :

Normalizing data

Correct Answer :

Normalizing data

MARKS OBTAINED  1

TOTAL MARKS : 1

Perform the following operations on the dataset:

- Drop Status id and status published column.
- Use a label encoder to encode the status type column.
- Standardize the data using min-max scalar
- Create a K means model for 2 clusters.

From the above model, what is the inter-cluster variance of the model?

Marked Answer :

235 to 240

Correct Answer :

235 to 240

MARKS OBTAINED  1

TOTAL MARKS : 1

Total Marks

16 / 16