

Clustering Computer Based Assignment:

Information about the dataset :

You are owning a supermarket mall and through membership cards, you have some basic data about your customers like Customer ID, age, gender, annual income and spending score. Spending Score is something you assign to the customer based on your defined parameters like customer behavior and purchasing data.

Question 1 :

- Using K-means clustering, cluster the above given dataset.
- You have to choose all combinations of 2 parameters for your clustering from age , annual income and spending score i.e {age,annual income},{annual income,spending score} and {age,spending score}.
- Provide the results for of clustering with at least two values of K for each of the combination.
- Use plots to show outputs for different test cases i.e clusters in different colors and also show their centres. Please write your observations.
- Write a brief README.txt file mentioning how to run your code on the command line, including any command-line arguments you may have used.