

**Unsupervised Learning Assignment**

**Problem Statement:**

You work in XYZ Company as a Python. The company officials want you to write code for a clustering problem.

Tasks to beperformed:

1. K-Means Clustering:

- Load customer data.

- Check the number of cells in each column with null values.

- Create a scatter plot with Age as X and Spending Score as Y.

- Find out the best number for clusters between1 and 10 (inclusive) using the elbow method.

- Draw a scatter plot displaying data points colored on the basis of clusters.