KMeans Clustering Assignment

Problem Statement:

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

Dataset: customers.csv

Tasks to be performed:

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 between 1 and 10 (inclusive) using the elbow method.
    - Draw a scatter plot displaying data points colored on the basis of clusters.