

Assignment-IV

Q1: Load the load_digit dataset from sklearn.datasets.

This dataset is made up of 1797 8x8 images. Each image is of a hand-written digit. Therefore, each training example has 64 features (8X8) pixel values. Hence, the size of dataset is 1797X64.

Implement feature selection technique using Principal Component Analysis (PCA) using step-by-step approach.