Exercise 8   **Date:1/11/2023**

Decision Making – Clustering

1. Design K-Means Clustering – Apply optimal K value. Dataset: 1. IRIS 2. Dataset using for term work
2. Design the following hierarchical clustering techniques and plot the dendrograms

   a. Single Linkage
   b. Complete Linkage
   c. Average Linkage

   Dataset: 1. IRIS 2 Reduced IRIS set – 5 samples from each class

   Note: While building the model, ignore the class information from the dataset.