

ML Lab (CS360)

Assignment 8

Total Marks: 20

1. Implement a self-organizing feature map on IRIS data for clustering purpose and find the Silhouette Coefficient of the clusters (Don't use any inbuilt function). **10 marks**
2. Repeat the same experiment (as in Question 1) using the inbuilt function. **5 marks**
3. Compare the accuracy using Silhouette Coefficient of Question: 1&2 with the k-means algorithm from the previous assignment. **5 marks**