IT 542: Pattern Recognition and Machine Learning

Assignment 9

1. Perform Clustering using Gaussian Mixture Models in the iris dataset and match the resulted clusters with the original labels with the help of adjusted Rand score ([adjusted Rand score](#)).

2. Use IRIS data to generate training data and test data. Choose 40 random data points from each class for training data and use remaining 10 data points from each class as test data. Perform in-built logistic regression on training data and classify test data.