INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI

Machine Learning Lab, M.Tech 2nd Semester

Instructions

1. After completion, you can share the files in mail to Mr. Indrajit Kalita (Or if you use Google Colab, you can share there also.

2. Deadline to submit is 11th April 2022.

Assignment -9

1. Consider any dataset that has more than two class labels. You can create your own or download any publicly available dataset. (This question is compulsory for all).

   (a) First apply PCA and check the performance of the classifier.
   (b) Check the performance of the classifier without applying PCA.

2. Make a group of 5 or 6 people and pick up any one of the following machine learning project.

   (a) Housing price prediction
   (b) Stock Price prediction
   (c) Loan Prediction
   (d) Wine Quality test
   (e) Breast Cancer Detection