

Assignment 2 (Machine Learning)

Please submit your Assignment 1 and Assignment 2 (compile into one file) to [submission portal of EE6407 assignments](#) under the folder of Assignments by 20 October 2024.

Question:

The training data is given in TrainingData.xlsx, where columns A-D are the features, and column E gives the class label. The test data is given in TestData.xlsx (30 samples, no label is provided).

- (1) Are there any missing values and outliers in the training data? If there are, describe how you address the issues and explain the rationale.
- (2) Train a SVM classifier using the training data.
- (3) Predict the class label of the test data.