Zip file submission:

1. Report(.pdf)
2. Code (.ipynb)
3. Data (.csv or other)
4. Other related materials

Aim:

1. System -> classification
2. Work on any real-world problems involving classification
3. Problem & dataset should contain complexity which require
4. Data preprocessing
5. Model selection
6. Tuning of learning algorithm

To achieve better classification accuracy.

Datasets Repository:

* UCI machine learning repository (<https://archive.ics.uci.edu/ml/index.php>)
* Dataset must contain complexity which requires data preprocessing, model selection & fine-tuning the classification models to achieve better results.

Higher marks:

1. Learning algorithm not taught in class AND understand the algorithm you are using.
2. Implement 2 or more learning algorithms & compare the performance of algorithms
3. Analyse the results & optimize performance of your models for the application.

Program structured:

1. Visualizing
2. Preprocessing
3. Training and validation
4. Tuning and testing
5. Need documentation/comment in those coding

Report

* Title Page:

1. Title of assignment
2. Student names
3. Student IDs
4. List of effort & contribution of team member in terms of percentage