Input: {Training Dataset (X\_train, y\_train), Testing Dataset (X\_test, y\_test), classifiers ()}

Output: { MultiLabelModel\_result, i.e., MultiLabel model files and Result file path }

1. Pre-processing multiple classifiers

2. Develop machine learning models

3. Monitor classification report {Accuracy, Loss, Zero\_one\_loss, Hamming\_loss} on training and testing dataset for MultiLabel model

4. Save classification report and machine learning model

5. Select top 3 model () with best optimal accuracy score

6. Fit MultiLabel classifier model MLC = ()

7. Evaluate final predictions using voting method: