

MATLAB WORK FLOW- MATRIXTERS

We distribute train and test data into 25 samples to feed into MATLAB.

We give numerical IDs to the good and bad data, i.e,

1-Good Data

2-Bad data

We feed this data to feature extraction code.

The received features for training data are saved as .mat file,
e.g featureTable.mat.

The features are extracted separately for the test data are stored as
ftable.mat.

This featureTable.mat is fed to the SVM Machine Learning model for
training.

The K-Fold cross validation training Accuracy is printed for the training
dataset.

The trained model is saved to a function trainClassifiersvm()

We then feed the ftable.mat (the extracted feature table for test data) to
the function to calculate the test accuracy.