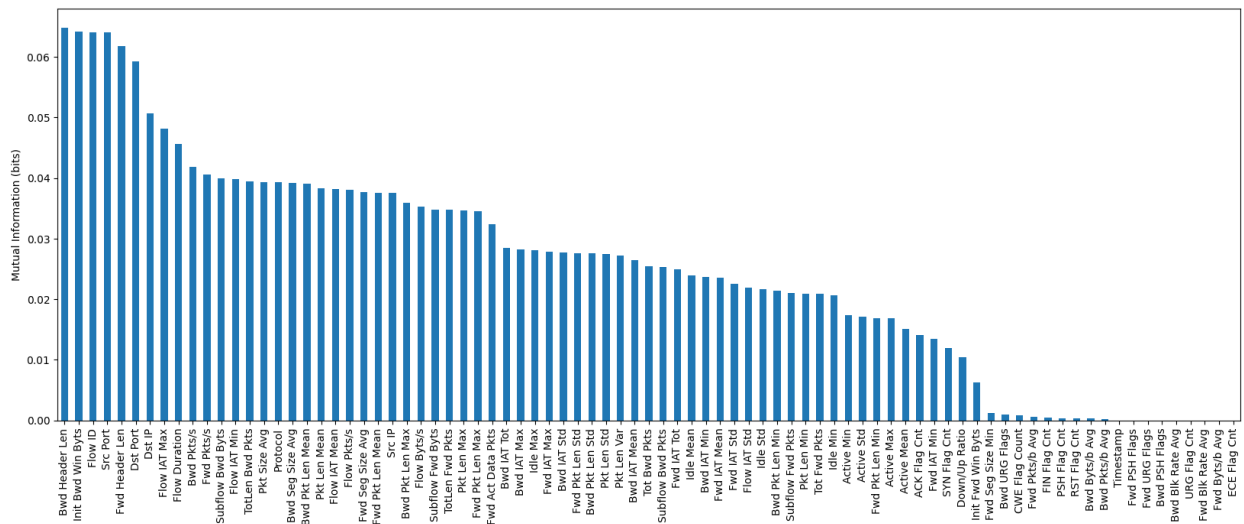


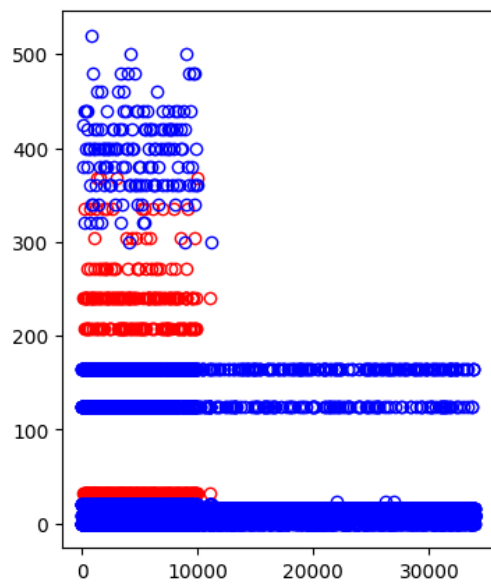
EC 60870-5-104 Features

The dataset features below were calculated from the “20200606_UOWM_IEC104_Dataset_c_rp_na_1_iecserver5.pcap_Flow.csv” file in the dataset

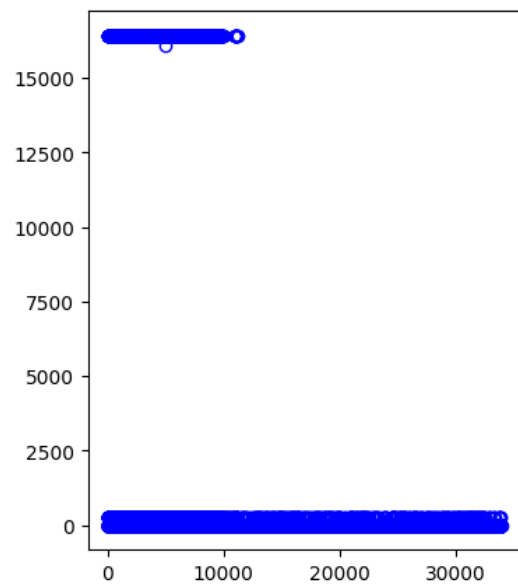
The below Figure is the feature importance for the EC 60870-5-104 data calculated using the sklearn *mutual_info_classif* function. Note that there may be some discrepancy between this and Figure 4 in our paper. This is because we did not force the *random_state* parameter in the *mutual_info_classif* function to *int* so that the function used random number generation for adding small noise to continuous variables in order to remove repeated values. The CSV file contains 83 features 79 of which are numerical. This is the dataset with medium complexity score of 0.274.



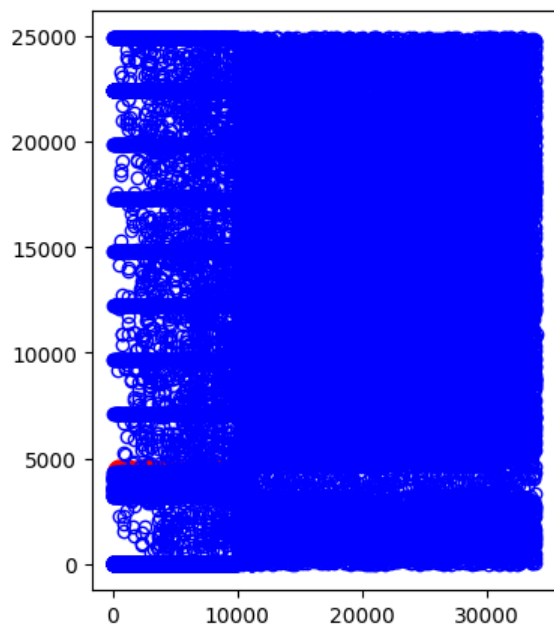
The figures below show the individual feature plots for the 10 most important features.



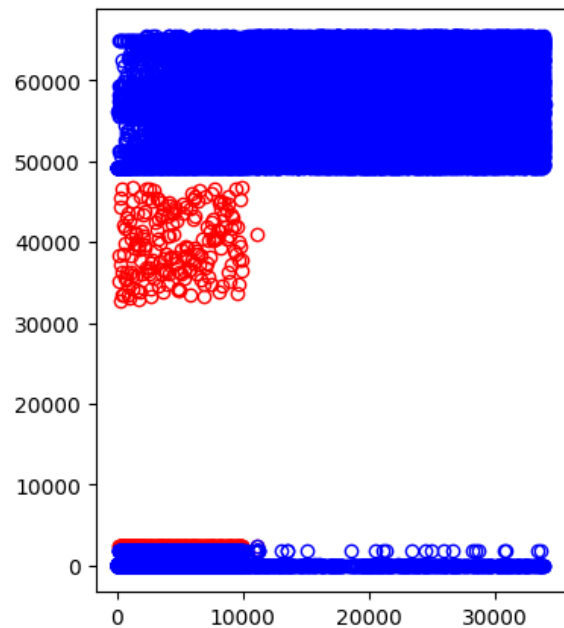
Bwd Header Len



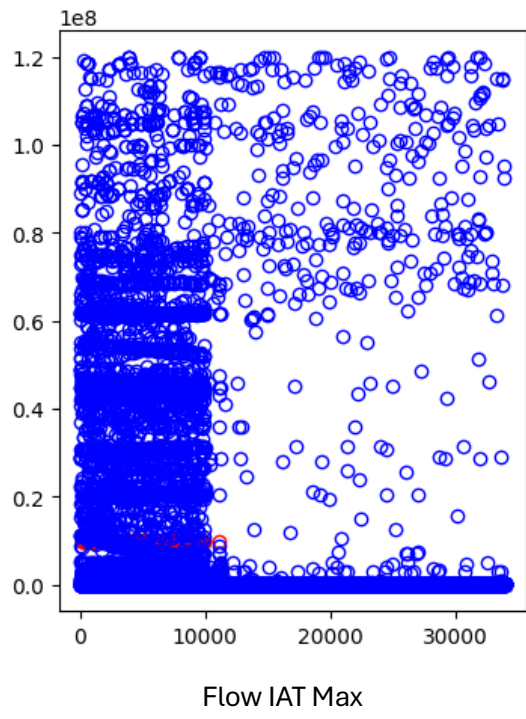
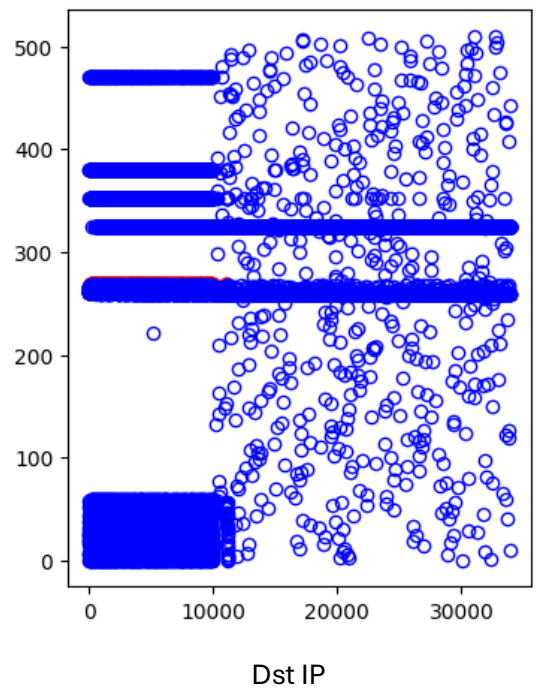
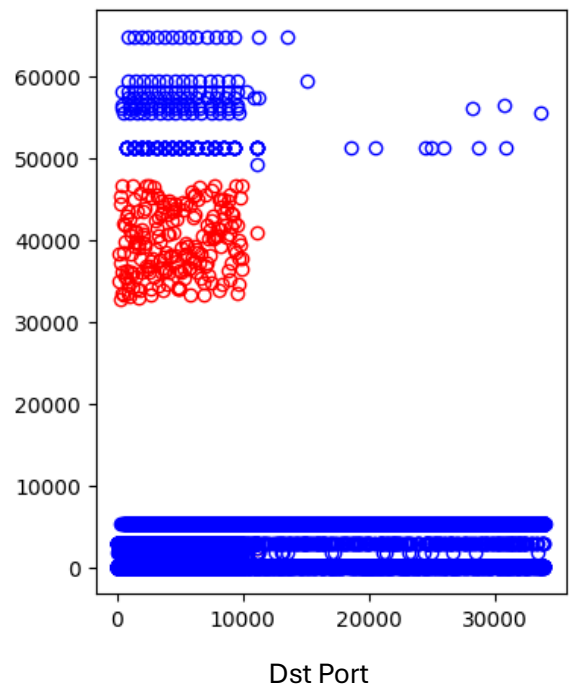
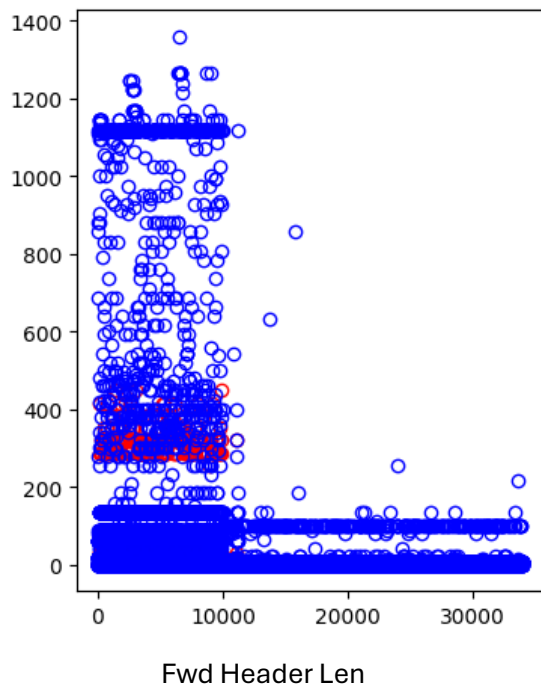
Init Bwd Win Byts

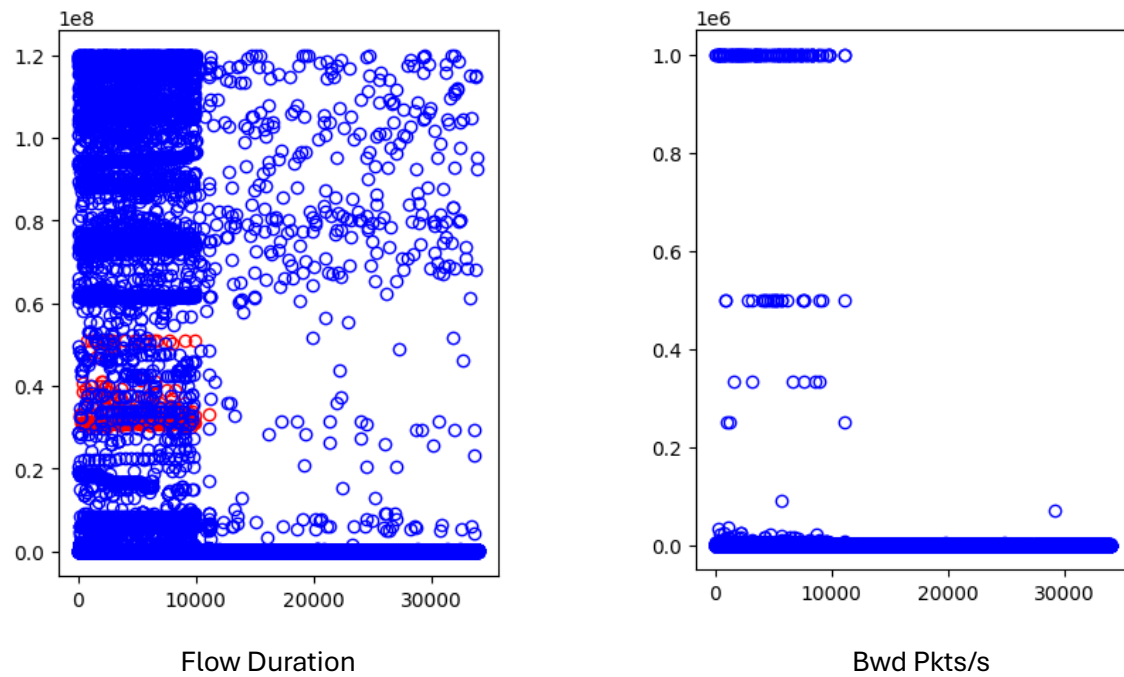


Flow ID



Src Port





The Figure below shows the cross correlation heatmap. We have dropped columns where the feature has a constant value throughout the data

