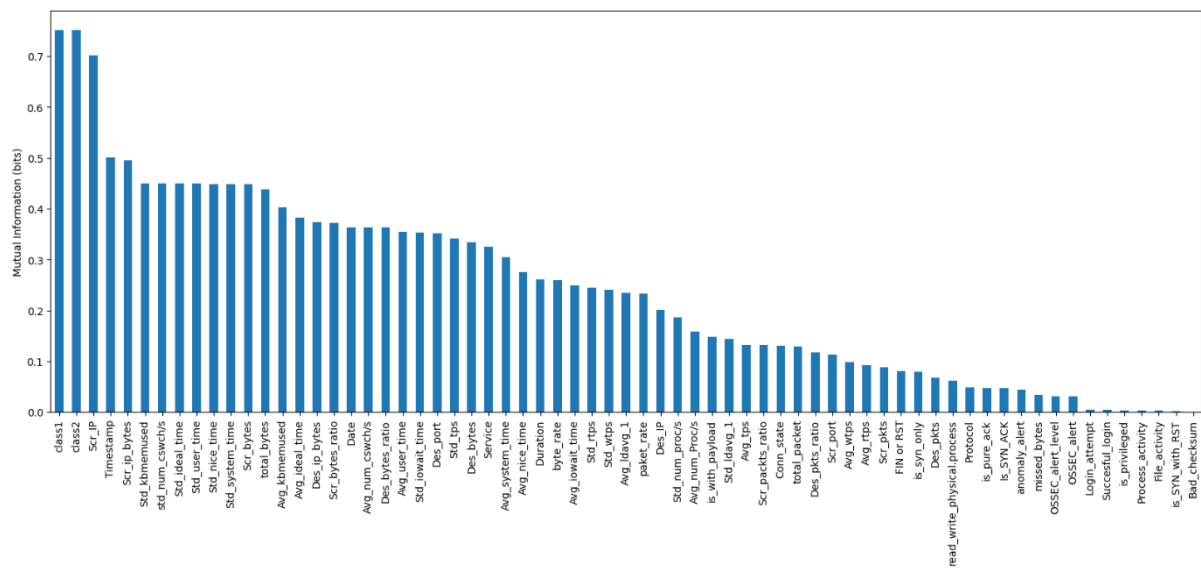


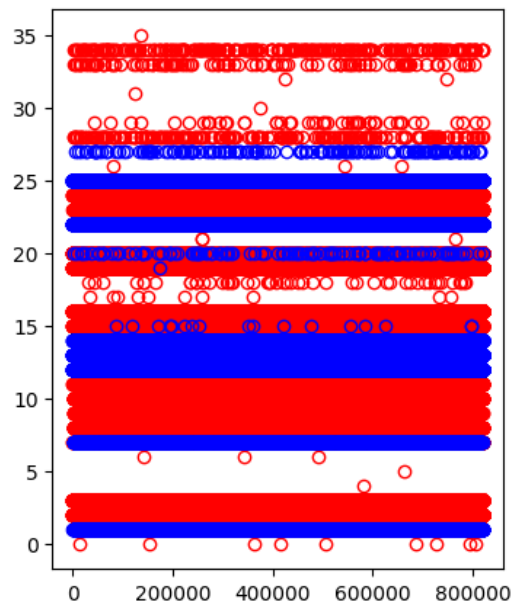
X-IloTID: intrusion dataset for IoT and IloT Features

The dataset features below were calculated from the “X-IloTID_dataset.csv” file in the dataset

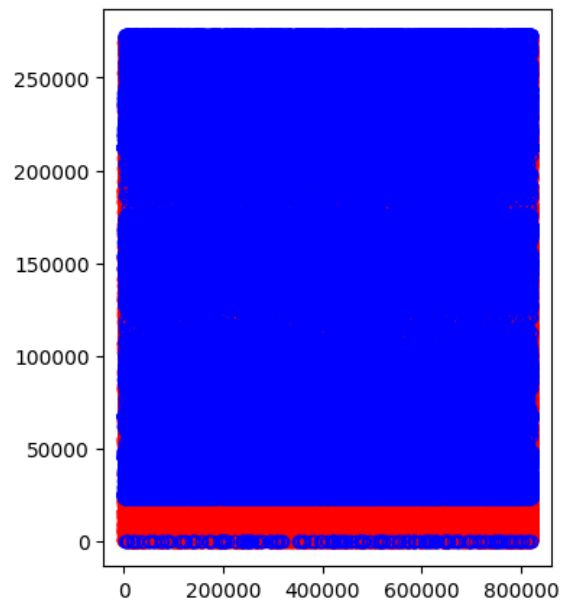
The below Figure is the feature importance for the X-IloTID: intrusion dataset for IoT and IloT data calculated using the sklearn *mutual_info_classif* function. The CSV file contains 65 features 9 of which are numerical. This is the dataset has a complexity score of 0.367. *class1* and *class 2* are identified as the most important features however these were disregarded for further analysis as they are multiclass labels rather than feature. *class3* which is a binary label was used as the label in order to be consistent with the approach taken for other datasets



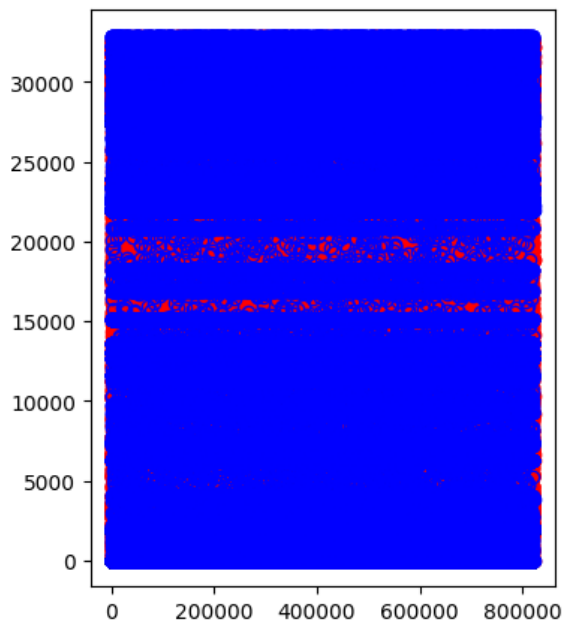
The figures below show the individual feature plots for the 10 most important features.



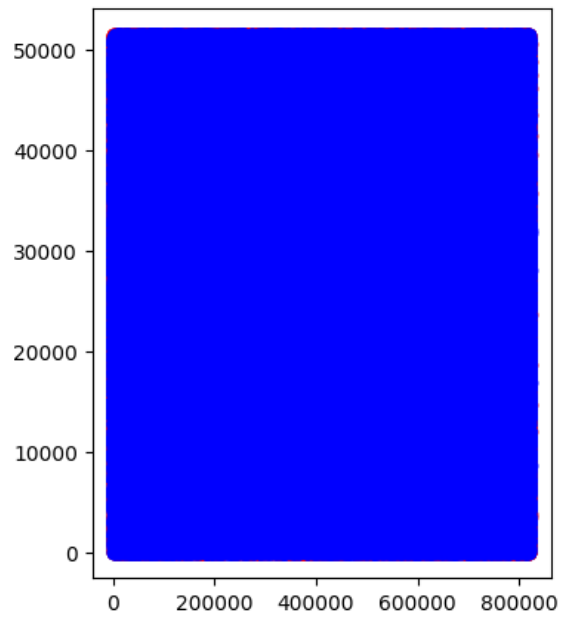
Scr_IP



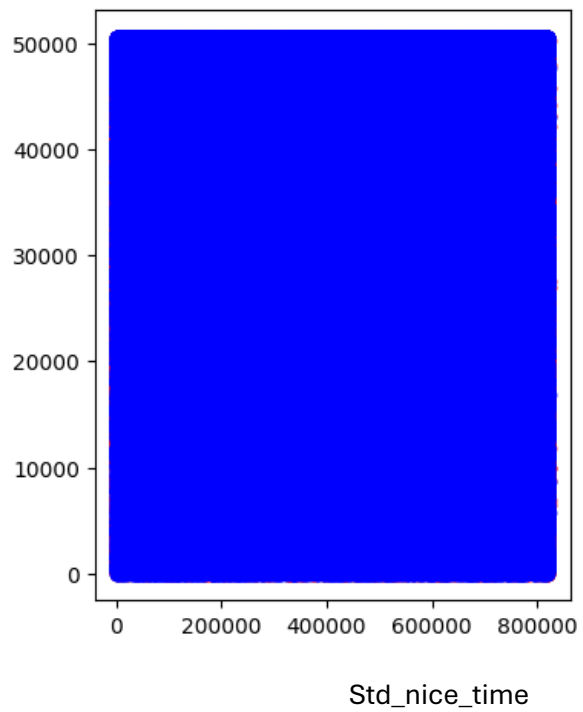
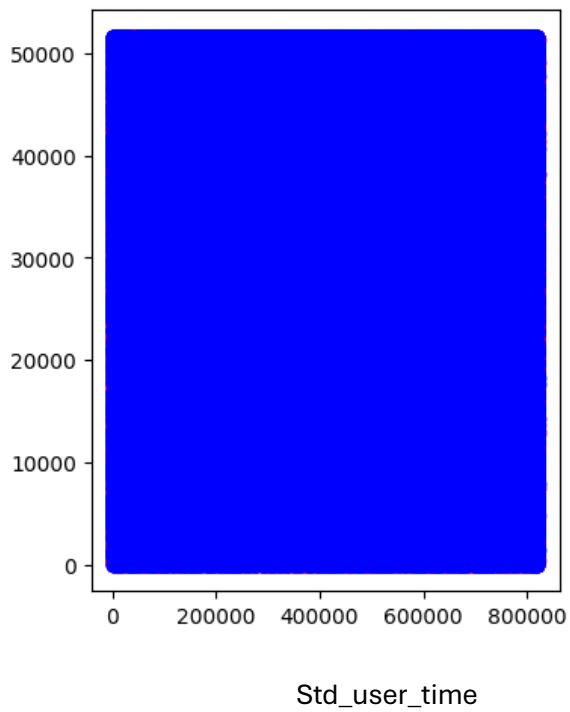
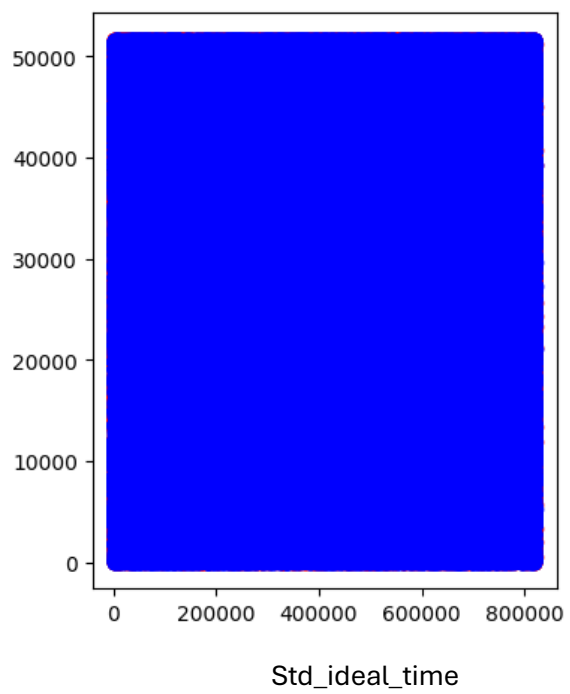
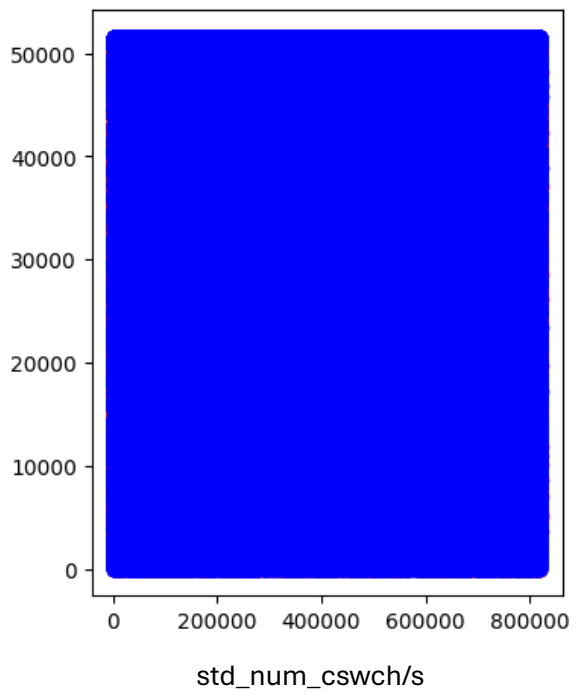
Timestamp

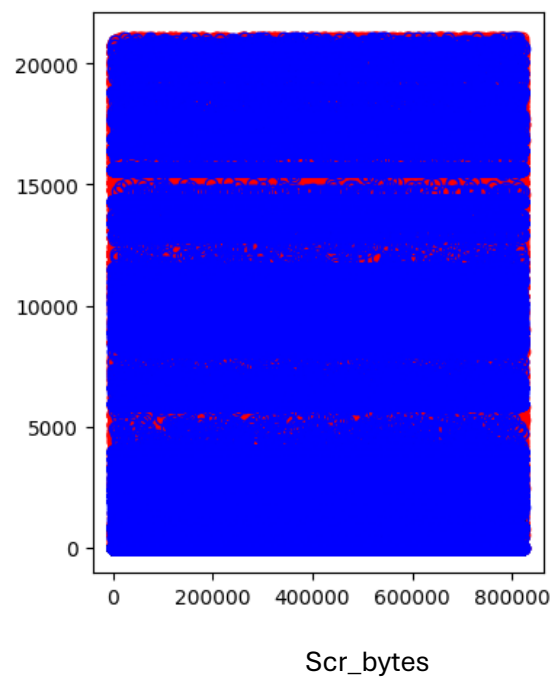
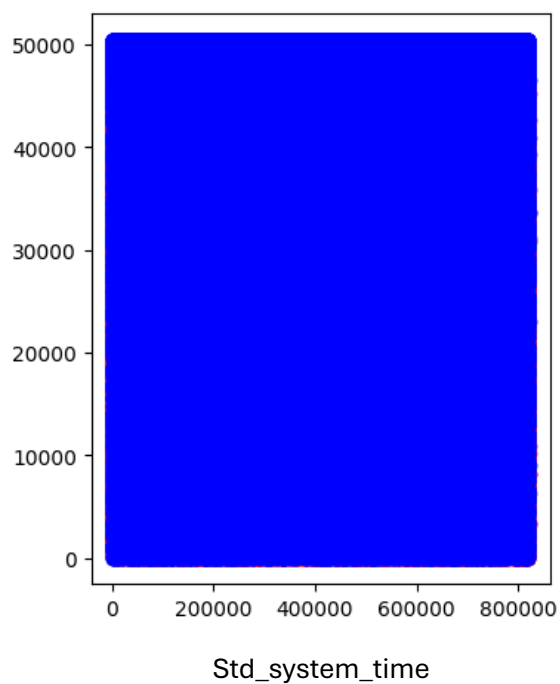


Scr_ip_bytes



Std_kbmemused





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

