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Common features from the datasets obtained

- **protocol**
- **service**
- **state**
- **duration**
- **spkts**
- **dpkts**
- **src_bytes**
- **dest_bytes**
- **state**
- **category / attack_cat / labels**

Inference

From the 3 datasets obtained namely UNSW_NB15, IoT Botnet and NSL KDD, we were able to find out the influencing features and common features across these datasets (The data set with the name *"features_having_most_influence_on_Botnet_IoT"* that we have uploaded has the most influential features). Our observation also includes a multiclass classified output into various types of attacks like DoS, Backdoor, Reconnaissance, etc… Hence, using these common features, we understand that when a new data point is provided and asked to classify under a type of attack with these respective columns' data, we can find it's type of attack.