Feature Engineering Techniques 1

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other

Data Wrangling

* The 3 classifiers used
* Ensemble pipeline
* Other models considered
* Hyper-parameter tuning

Overview

* Objective
* Methodology

Dataset Understanding

* How many features
* Size of the dataset
* Multiple files
* What kind of data – numerical or character
* Balanced or imbalanced – what is the distribution
* Distribution of Training set, validation set, testing set
* Missing data and Preprocessing challenges

Decision Tree

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other

SVM

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other

Conclusion and Improvements

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other

Comparison ML with FE

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other

Feature Engineering Techniques 2

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other

Comparison FE

* Features removed
* Feature creation
* Feature ranking
* Class imbalance treatment
* Any other