Expectation is to have this component highly Modular. Otherwise it would be very difficult to maintain after some time.

How expensive is computation? Unless the proper measures are taken, the number of permutation combinations of the features will grow in to few millions at the least.

Need to figure out ways to reduce the permutations combinations by

\* identifying the minimum number of parameters

\* Group the features so that all the features cannot be part of all the combinations

\* For the first pass, take out the parameters which does not impact much. Keep them only for the fine tuning

The scope of the reusable component: The scope of the reusable component is to provide technical framework, by using which a data scientist can statistically derive the best combination of test data, features, cboosing algorithms for best fitting.

\* Is there any such thing that we can readily leverage even in parts?

\* Is it helpful for the new bees to ML?

First Executable/demonstratable piece: This will take the input of a list of features, identify which will produce the best fitting for each algorithm.