**Feature Engineering**

* Exploratory data Analysis
* Handling missing values
* Handling outliers
* Categorical encoding
* Normalization & Standardization

**Notes of Data Cleaning!**

1. if you’ve big data and your missing values are very few comparing with the big data, U do NOT need to fill it just drop them, because it is not a big deal and will not affect your prediction that much.
2. always check the d-types
3. before u use encoding make sure the uniqueness of the col by looping through the columns
4. you might need to use one hot encoding for 3 or more categories (for one col it will create extra cols)
5. you need to know w+ cols to scale

**Feature Selection**

* Correlation
* Forward elimination
* Backward elimination
* Univariate selection
* Random Forest importance
* Feature selection with decision tree