**Feature Engineering**

1. **Feature Transformation**
   1. Missing values imputation
   2. Handling categorical features
   3. Outlier detection
   4. Feature Scaling
2. **Feature Construction**
   1. Feature splitting
3. **Feature Selection**
4. **Feature Extraction**

*Feature Construction*: is a manual process its not like mathematical formula. It shows how much of your dataset is understood by. You will create feature on the basis of your understanding to the dataset.

*Feature Splitting*: is the process of splitting features intimately into two or more parts and performing to make new features. This technique helps the algorithms to better understand and learn the patterns in the dataset.