* **Exploratory Data Analysis and Visualization**
* **Machine Learning**
* **Train | Test Split**
* X\_train, X\_test, y\_train, y\_test = train\_test\_split()
* **Scaling (if needed)**
* scaler = scaler\_name()
* scaler.fit\_transform(X\_train)
* scaler.transform(X\_test)
* **Modelling**
* model = model\_name().fit(X\_train, y\_train)
* y\_pred=model.predict(X\_test)
* y\_pred\_proba = model.predict\_proba(X\_test)
* **Model Performance**
* Regression => r2\_score, MAE, MSE, RMSE
* Classification => accuracy, recall, precision, f1\_score (confusion\_matrix, classification\_report)
* Cross Validate => cross\_val\_score, cross\_validate
* **Tuning (if needed)**
* grid\_param = {}
* GridsearchCV(grid\_param)
* **Final Model**
* model = model\_name().fit(X,y)
* **Model Deployment**