* Handling Missing values-
* Mean/Median/Mode
* Drop Records
* KNN Imputation
* Fill forward/Fill Backward

**Handling Outliers**

* **LowerOutlier=Q1-1.5\*IQR**
* **Upper Outlier=Q3+1.5\*IQR**
* **Replace with Lower Outlier if record<LO**
* **Replace with Upper Outlier if record>UO**

**Normalization:**

**Min-Max Normalization**

**Standard Scaling**

**Label Encoding**

**One-hot encoding**

**Class Imbalance-----SMOTE**

**Minority Sampling**

**Majority Sampling**

**Cancer Data Set:**

**Benign-250**

**Malignant-100**

**100:100**

* **250:250 Replace with Lower Outlier if record<LO**