**Preprocessing Assignment**

**The required dataset need to be downloaded from github / kaggle / respective repositories**

**Dataset: Employee Salary dataset**

Load Data and Write script to perform following operations.

1. Display structure and summary report.

2. Check data types of each column and ensure whether the data types for each of the attributes are appropriate, if not make appropriate corrections.

3. Display NULL values for each of the columns

4. Find out missing values and replace them for the applicable columns.

6. Find out categorical data and perform encoding on relevant features.

**Dataset: Titanic Dataset**

Load Data and Write script to perform following operations.

1. Display structure and summary report.

2. Check data types of each column and ensure whether the data types for each of the attributes are appropriate, if not make appropriate corrections.

3. Display NULL values for each of the columns

4. Find out missing values and replace them for the applicable columns.

6. Find out categorical data and perform encoding on relevant features.

**Dataset: NYC AirBnB Dataset**

Load Data and Write script to perform following operations.

1. Display structure and summary report.

2. Check data types of each column and ensure whether the data types for each of the attributes are appropriate, if not make appropriate corrections.

3. Display NULL values for each of the columns

4. Find out missing values and replace them for the applicable columns.

6. Find out categorical data and perform encoding on relevant features.