Algorithm 1 Imputation of Data Values in Columns

1: **procedure** MISSING VALUE IMPUTATION
2: Identify the columns with missing values as Y
3: Create independent column list X excluding the columns that requires imputation Y
4: Repeat
5:     **for** $i \leftarrow 0$ to X **do**
6:         **if** row == null **then** Fill up row using $Median$ or $Mode$
7: Set TestData := Missing values of Y and TrainData := Filled values of Y
8: Build a ML model:
9:     $training \rightarrow$ filled values of Y & $prediction \rightarrow$ missing values of Y
10: Implement ML model according to column data type:
11:     $DecisionTreeRegressor \rightarrow (type)$Numerical Columns
12:     $DecisionTreeClassifier \rightarrow (type)$Categorical Columns =0