

Importing The Libraries

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In [1]: import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
import seaborn as sns
%matplotlib inline
import pickle
import sklearn

import warnings
warnings.filterwarnings('ignore')

In [2]: ##for preprocessing
from sklearn.preprocessing import LabelEncoder, OneHotEncoder
from sklearn.impute import SimpleImputer

In [3]: ##scaling process
from sklearn.preprocessing import scale
from sklearn.preprocessing import StandardScaler

In [4]: ## Splitting the data
from sklearn.model_selection import train_test_split
from sklearn.model_selection import RandomizedSearchCV

In [5]: ##for modeling
from sklearn.tree import DecisionTreeClassifier
from sklearn.ensemble import RandomForestClassifier
from sklearn.neighbors import KNeighborsClassifier

In [...]: ##for model evalation
from sklearn.metrics import accuracy_score, confusion_matrix, classification_report, f1_score

In []:
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