|  |  |
| --- | --- |
| DATE | 10/11/2022 |
| TEAM ID | PNT2022TMID07543 |
| PROJECT NAME | VISUALIZATION AND PREDICTION OF HEART DISEASE USING DATA ANALYTICS |

import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

import cufflinks as cf

%matplotlib inline

from sklearn.metrics import classification\_report,confusion\_matrix,accuracy\_score

from sklearn.preprocessing import StandardScaler

from sklearn.model\_selection import RandomizedSearchCV, train\_test\_split

from xgboost import XGBClassifier

from catboost import CatBoostClassifier

from sklearn.ensemble import RandomForestClassifier

from sklearn.neighbors import KNeighborsClassifier

from sklearn.svm import SVC

data = pd.read\_csv("heart.csv")

data.head(6) **# Mention no of rows to be displayed from the top in the argument**