import numpy as np

import pandas as pd

import sklearn as sk

import seaborn as sns

b\_c = pd.read\_csv('/content/sample\_data/breast cancer classification dataset.csv')

b\_c

b\_c.isnull()

b\_c.isnull().sum

b\_c = b\_c.drop(['fractal\_dimension\_worst'], axis = 1)

b\_c = b\_c.dropna(axis = 0,subset = ['radius\_mean','diagnosis'])

b\_c.shape

b\_c.info()

from sklearn.preprocessing import LabelEncoder

enc = LabelEncoder()

b\_c['diagnosis\_enc'] = enc.fit\_transform(b\_c['diagnosis'])

print(b\_c[['diagnosis' , 'diagnosis\_enc']].head())

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

label = b\_c.diagnosis

f = b\_c.drop(columns = 'diagnosis')

label.head(5)

f.head(5)

rom sklearn.preprocessing import MinMaxScaler

scaler = MinMaxScaler()

scaler.fit(f)

f\_train = scaler.transform(f)

f\_train\_df = pd.DataFrame(f\_train)

f\_train\_df.head()