PROJECT DEVELOPMENT PHASE SPRINT –1

DOWNLOAD AND ANALYZE THE DATASET:

IMPORT LIBRARIES

import pandas as pd
import numpy as np
LOAD THE DATASET
df=pd.read_csv("Admission_Predict (1).csv")
df
df.shape
df.info()

PERFORM VISUALIZATION

i)UNIVARIATE ANALYSIS

sns.distplot(df.CGPA)

sns.histplot(df['GRE Score'])

sns.histplot(df.SOP)

ii)BI-VARIATE ANALYSIS

sns.scatterplot(df['SOP'],df['LOR '])

sns.scatterplot(df['CGPA'],df['SOP'])

iii)MULTI-VARIATE ANALYSIS

sns.pairplot(df)

sns.heatmap(df.corr(), annot=True)

PERFORM DESCRIPTIVE STATISTICS OF THE DATASET

df.describe()

df.Research.value_counts()

HANDLE THE MISSING VALUES

df.isnull().any()

df.isnull().sum()

OUTLIERS

sns.boxplot(df['GRE Score'])

df.shape









