import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

import warnings

warnings.filterwarnings('ignore')

iris=pd.read\_csv('Iris.csv')

iris

iris.describe()

print("\*\*\*\* Statistical Description for 'SepalLengthCm' column of each species \*\*\*\*\n")

print(iris.groupby("Species")['SepalLengthCm'].describe())

print("\*\*\*\* Statistical Description for 'SepalWidthCm' column of each species \*\*\*\*\n")

print(iris.groupby("Species")['SepalWidthCm'].describe())

print("\*\*\*\* Statistical Description for 'PetalLengthCm' column of each species \*\*\*\*\n")

print(iris.groupby("Species")['PetalLengthCm'].describe())

print("\*\*\*\* Statistical Description for 'PetalWidthCm' column of each species \*\*\*\*\n")

print(iris.groupby("Species")['PetalWidthCm'].describe())

print("50th percentile of values is :",np.percentile(df,50))

import scipy.stats as sp

sp.mode(df)[0][0]

OR

import scipy.stats as sp

sp.mode(df["Pregnancies"])