import numpy as np

import matplotlib.pyplot as plt

import pandas as pd

import seaborn as sns

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

df.head()

df.info()

print("Hence the dataset contains 4 numerical columns and 1 object columns")

np.unique(df["Species"])

df.describe()

#

fig, axes = plt.subplots(2, 2, figsize=(18,9))

axes[0,0].set\_title("Distribution of Sepal Length")

axes[0,0].hist(df["SepalLengthCm"]);

axes[0,1].set\_title("Distribution of Sepal Width")

axes[0,1].hist(df["SepalWidthCm"]);

axes[1,0].set\_title("Distribution of Petal Length")

axes[1,0].hist(df["PetalLengthCm"]);

axes[1,1].set\_title("Distribution of Petal Width")

axes[1,1].hist(df["PetalWidthCm"]);

plt.show()

#

data\_to\_plot = df[df.columns[1:-1]]

fig, axes = plt.subplots(1, figsize=(12,8))

bp = axes.boxplot(data\_to\_plot)