ESSENTIALS OF DATA WAREHOUSING AND DATA MINING

LAB ASSIGNMENT - 11

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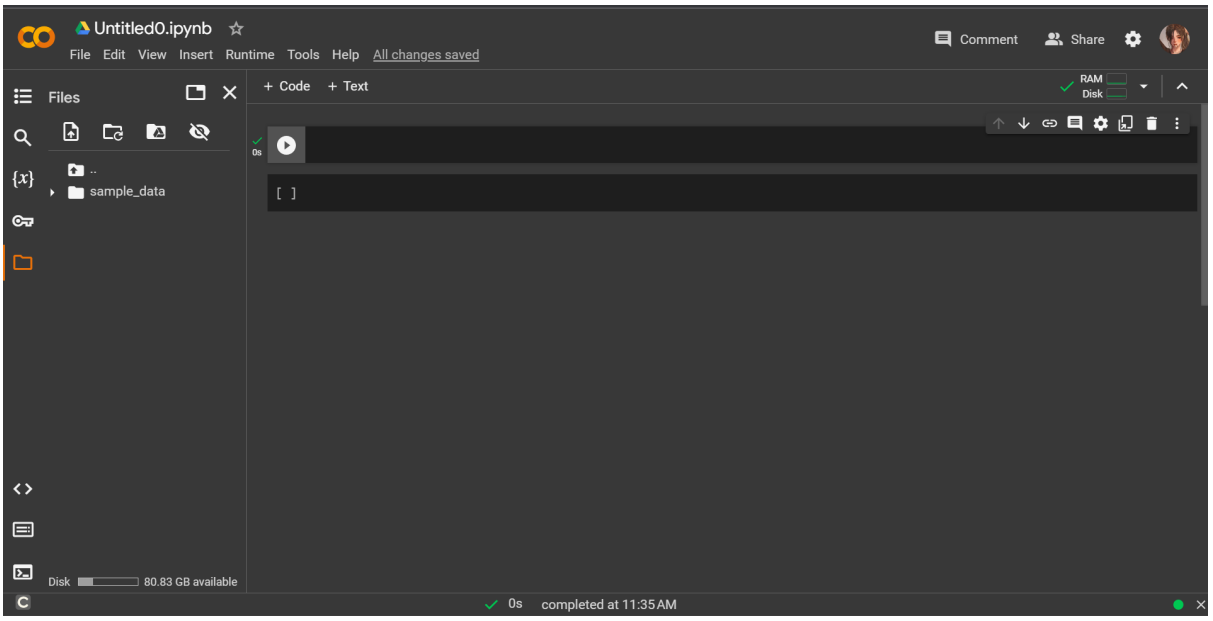
1. Take the irish dataset (learning space) and calculate the column mean, median, and plot the data along with the calculated mean and median using seaborn.

Code :

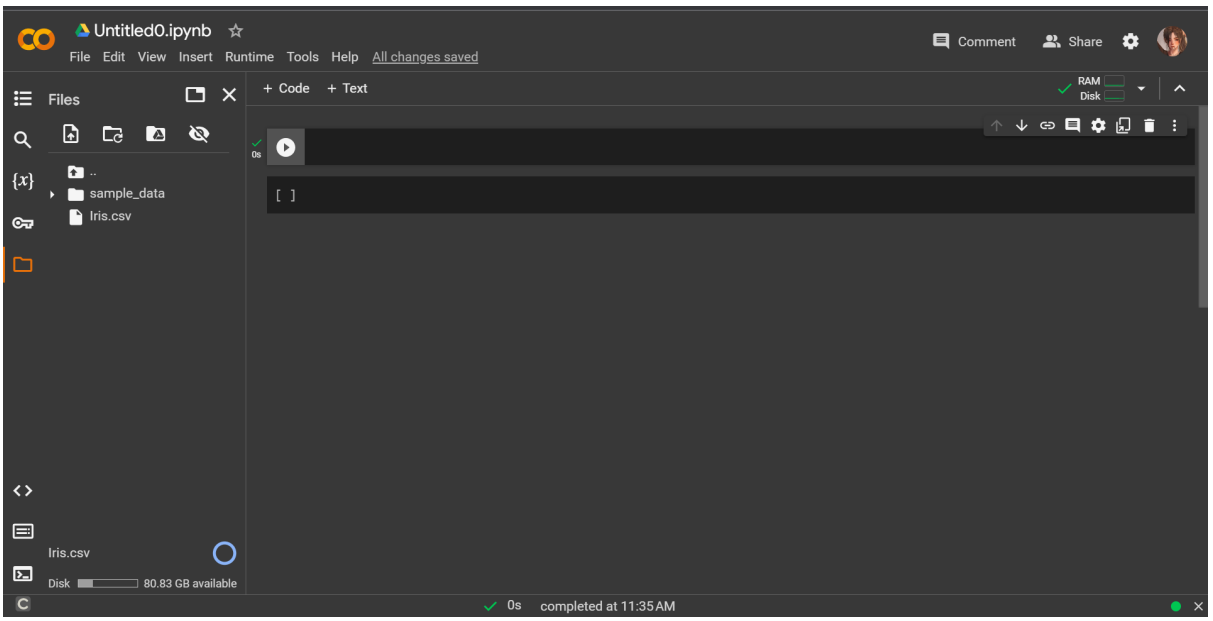
```
import pandas as pd

import matplotlib.pyplot as plt

import seaborn as sns

import numpy as np


f = pd.read_csv('Iris.csv')


d_center=[f['SepalLengthCm'].mean(),f['SepalWidthCm'].mean()]

c_line=[[d_center[0]-1,d_center[0]+1],[d_center[1]+1,d_center[1]-1]]


sns.scatterplot(data=f,x='SepalLengthCm',y='SepalWidthCm',hue='Species')

sns.scatterplot(x=[d_center[0]],y=[d_center[1]],color='black')

sns.lineplot(x=c_line[0],y=c_line[1],color='black')
```

SCREENSHOTS :-

1. Click the folder.



2. Click on upload button and select the iris dataset.



3. Write the python code and execute.

Output :

4. Scatter plot for the iris dataset will be shown as output.