

Activity | 2024.09-1-to-1-AI-Dh... x Python Basic.ipynb - Colab x Assignment.ipynb - Colab x

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=FigtkG4WZTUa

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### Assignment.ipynb

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Files

- sample\_data
- iris.csv
- netflix\_titles.csv

0s

```
[3] import matplotlib.pyplot as plt
import pandas as pd
a=pd.read_csv('iris.csv')
print(a)
```

	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa
..	...	...	...	...	...
145	6.7	3.0	5.2	2.3	virginica
146	6.3	2.5	5.0	1.9	virginica
147	6.5	3.0	5.2	2.0	virginica
148	6.2	3.4	5.4	2.3	virginica
149	5.9	3.0	5.1	1.8	virginica

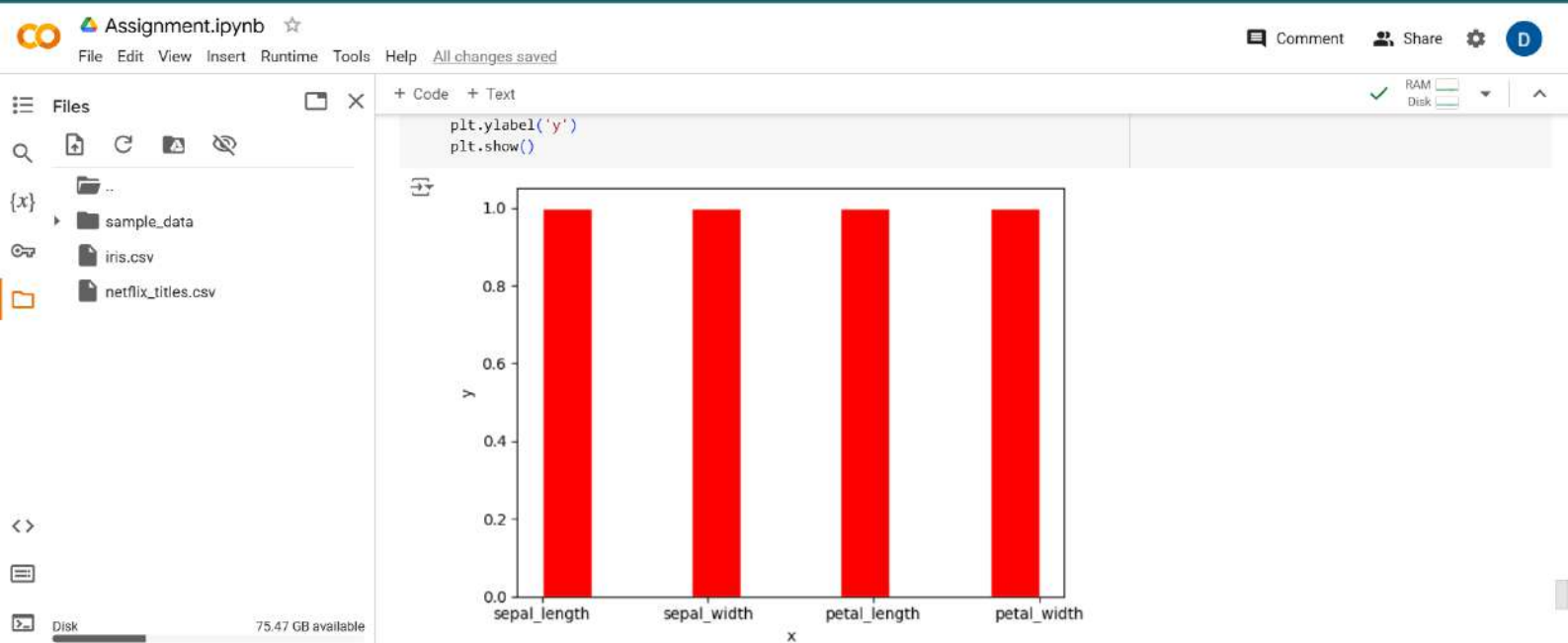
[150 rows x 5 columns]

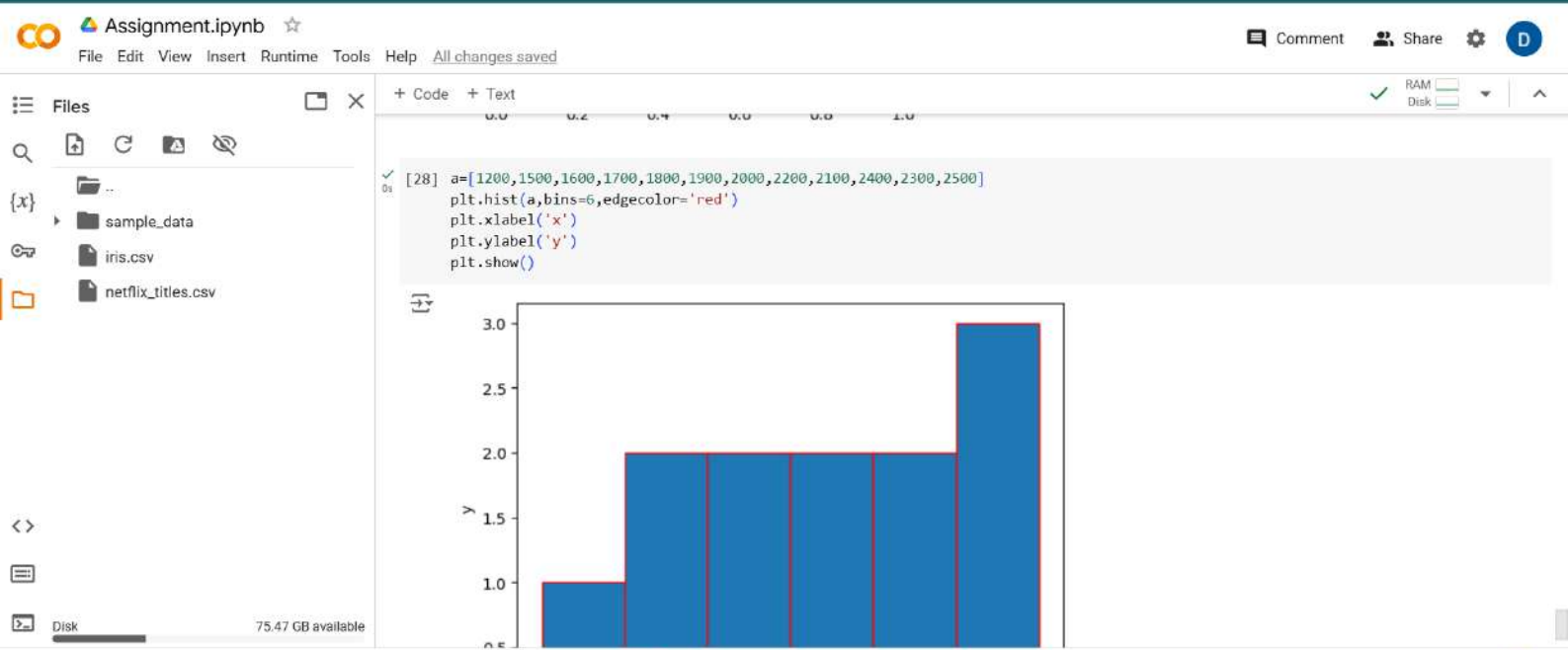
```
[18] plt.hist(['sepal_length','sepal_width','petal_length','petal_width'],color='red',edgecolor='white')
plt.xlabel('x')
plt.ylabel('y')
plt.show()
```

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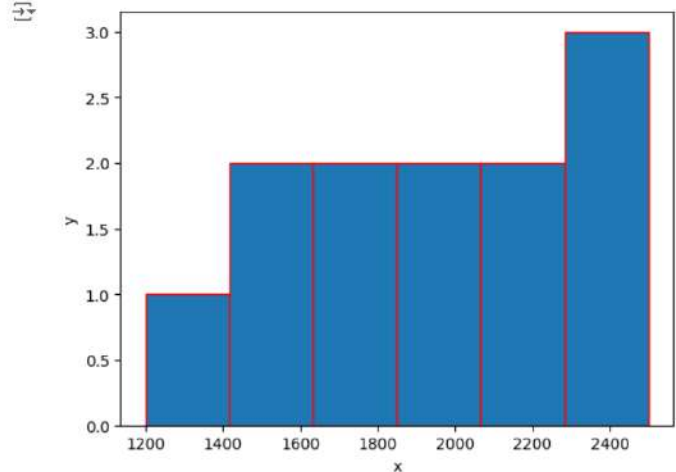
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Files

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+ Code+ Text

plt.show()



x	y
1200	1.0
1400	2.0
1600	2.0
1800	2.0
2000	3.0

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Files

sample\_data

SampleSuperstore.csv

iris.csv

netflix\_titles.csv

+ Code + Text

```
plt.figure(figsize=(10,8))
plt.bar('State','Sales',data=a)
plt.show()
```

17s

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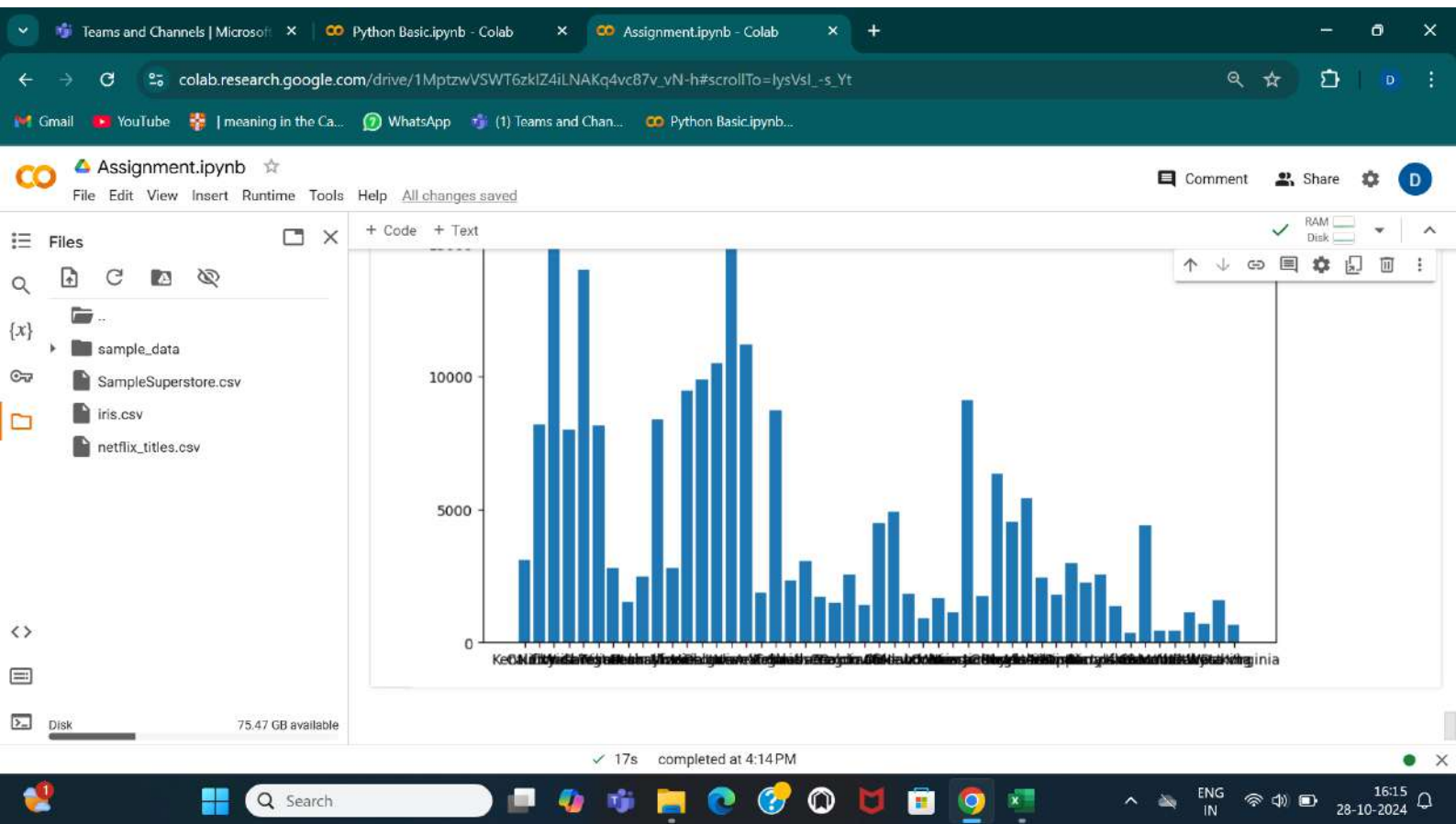
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Files

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```
import pandas as pd
a=pd.read_csv('SampleSuperstore.csv')
g=a.groupby(['State','Sales'])
g.plot(kind='bar')
plt.xlabel('x')
plt.ylabel('y')
plt.show()
```

\*\*\* /usr/local/lib/python3.10/dist-packages/pandas/plotting/\_matplotlib/core.py:580: RuntimeWarning: More than 20 figures have been opened.
fig = self.plt.figure(figsize=self.figsize)

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