

Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t!

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Gmail YouTube | meaning in the Ca... WhatsApp (1) Teams and Chan... Python Basic.ipynb...

Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample\_data  
Temperature.csv

75.40 GB available

+ Code + Text

X\_Class XI\_Class XII\_Class  
classes

```
[4] import pandas as pd
a=pd.read_csv('Temperature.csv')
print(a)
```

	Month	Temperature (C)	Precipitation (mm)
0	January	5.7	45.2
1	February	7.3	36.8
2	March	11.5	48.3
3	April	15.8	62.7
4	May	20.3	77.1
5	June	24.7	93.5
6	July	27.6	108.2
7	August	26.9	103.7
8	September	23.4	86.4
9	October	17.9	70.3
10	November	11.9	52.7
11	December	7.1	42.8

```
[5] b=pd.DataFrame(a)
b
```

0s completed at 7:53 AM

07:55  
05-11-2024

Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample\_data  
Temperature.csv

Disk 75.40 GB available

+ Code + Text

[5] b=pd.DataFrame(a)  
b

	Month	Temperature (C)	Precipitation (mm)
0	January	5.7	45.2
1	February	7.3	36.8
2	March	11.5	48.3
3	April	15.8	62.7
4	May	20.3	77.1
5	June	24.7	93.5
6	July	27.6	108.2
7	August	26.9	103.7
8	September	23.4	86.4
9	October	17.9	70.3
10	November	11.9	52.7
11	December	7.1	42.8

0s completed at 7:53 AM

Search

07:55  
05-11-2024

Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Assignment.ipynb

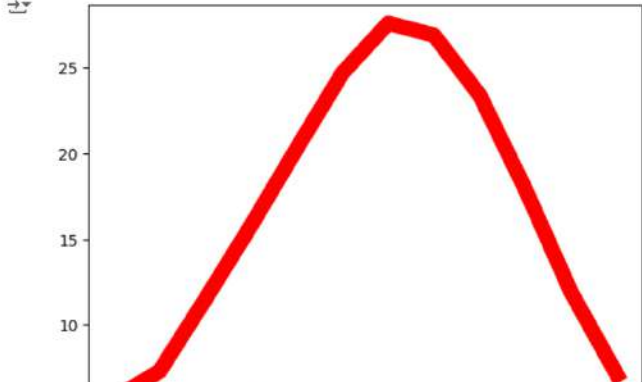
File Edit View Insert Runtime Tools Help All changes saved

Files

- sample\_data
- Temperature.csv

Next steps: [View recommended plots](#) [New interactive sheet](#)

```
[ ] plt.plot(b['Month'],b['Temperature (C)'],linewidth=10,color='red')
plt.xticks(rotation=80)
plt.show()
```



0s completed at 7:53 AM

75.40 GB available

07:55 05-11-2024

Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Google Gmail YouTube meaning in the Ca... WhatsApp (1) Teams and Chan... Python Basic.ipynb...

Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

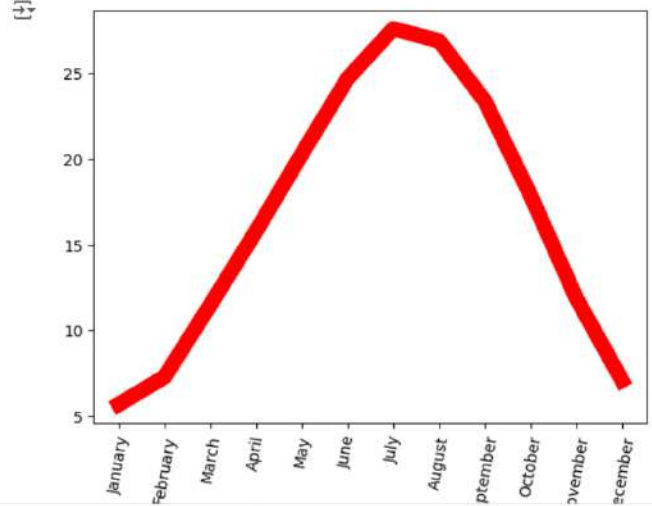
Files

sample\_data Temperature.csv

Disk 75.40 GB available

+ Code + Text

plt.show()



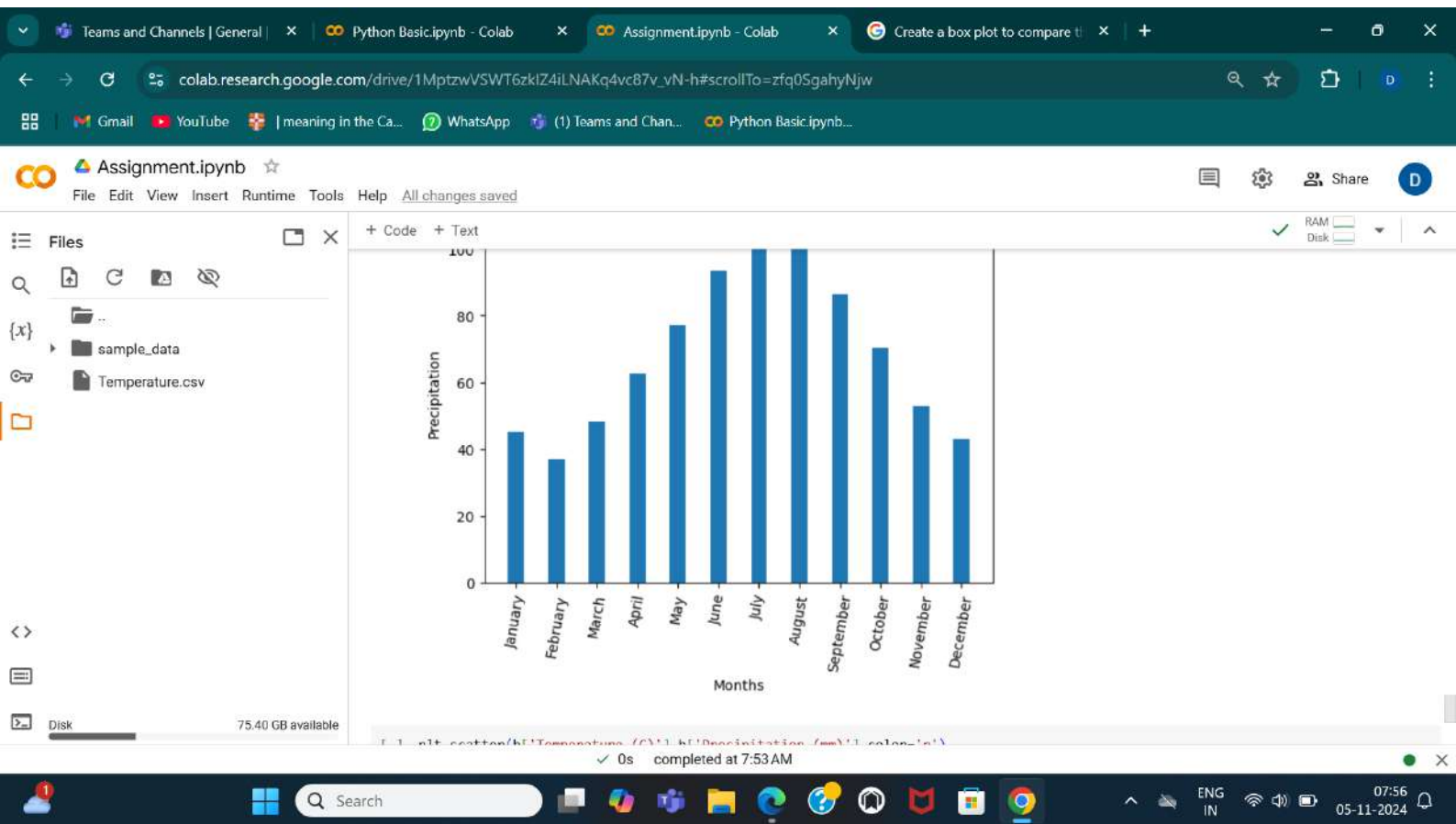
Month	Temperature
January	5
February	7
March	12
April	16
May	20
June	24
July	27
August	26
September	22
October	18
November	12
December	7

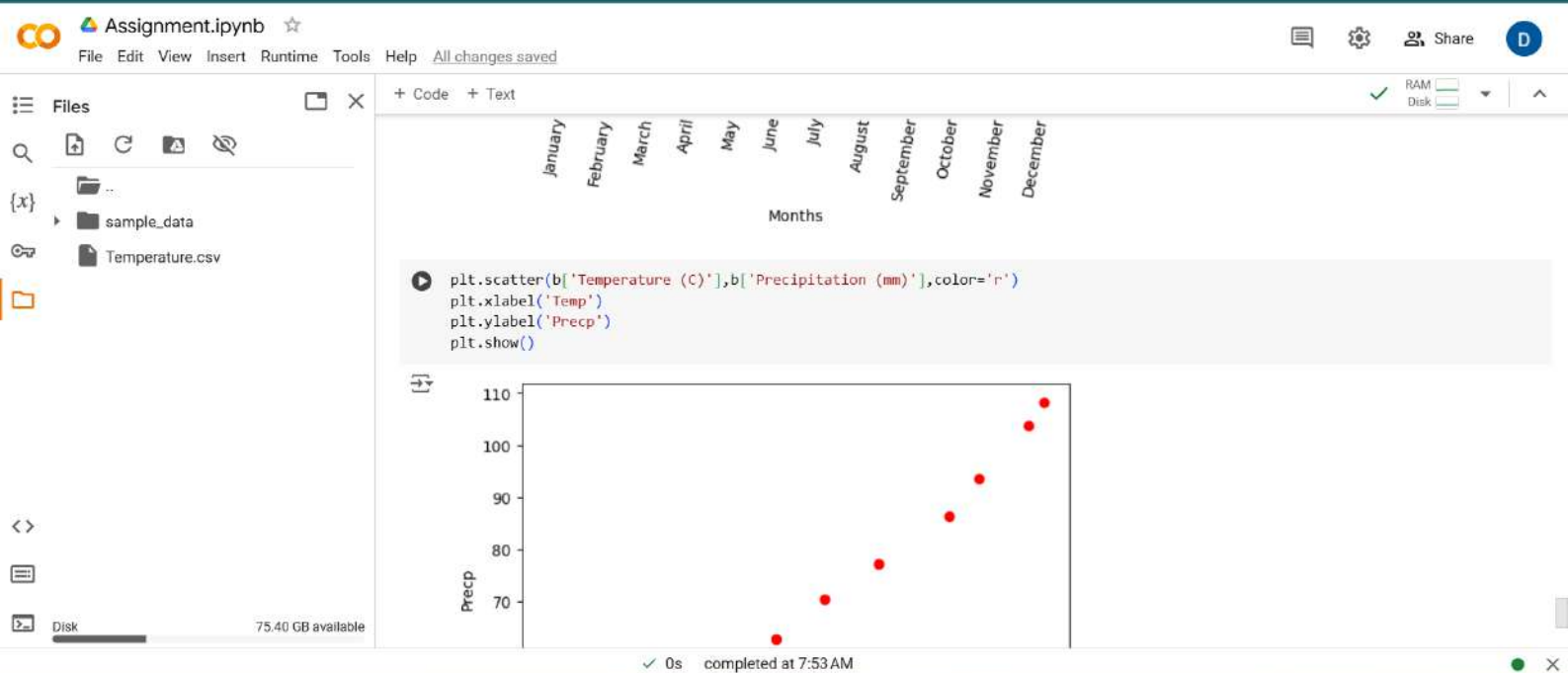
0s completed at 7:53 AM

Search

07:55 05-11-2024







Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample\_data

Temperature.csv

+ Code + Text

✓ 0s completed at 7:53 AM

RAM

Disk

75.40 GB available

Temp

Precp

5	45
7	43
7	37
12	48
12	53
16	63
18	71
20	78
24	87
25	94
27	104
28	108

07:56

05-11-2024



Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

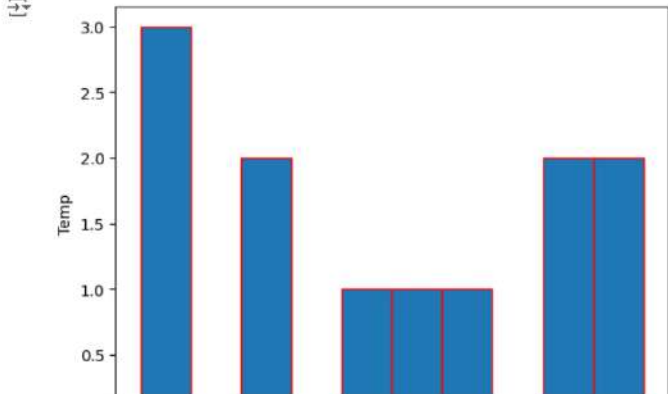
Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

- sample\_data
- Temperature.csv

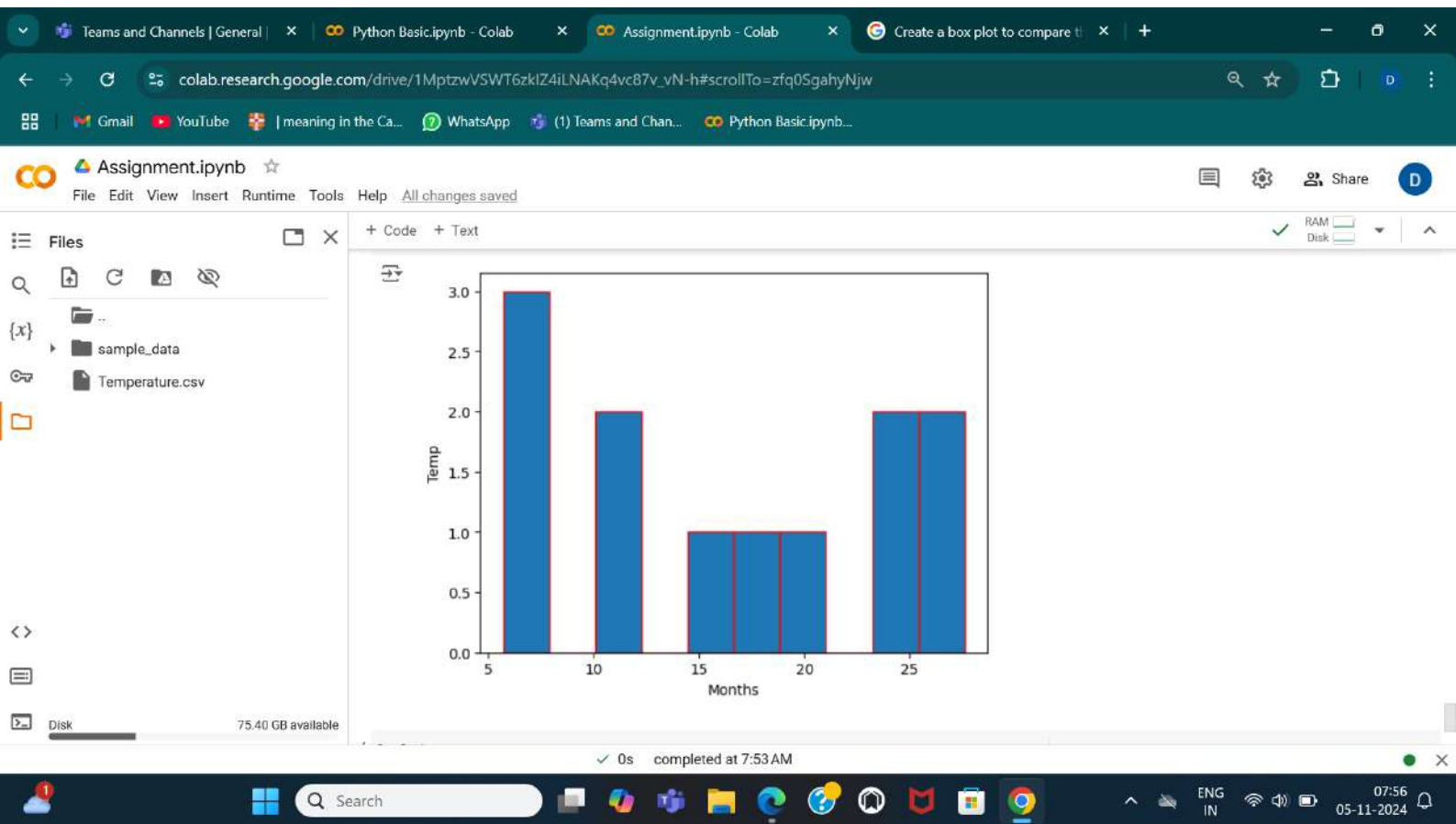
```
plt.hist(b['Temperature (C)'],edgecolor='red')
plt.xlabel('Months')
plt.ylabel('Temp')
plt.show()
```



0s completed at 7:53 AM

75.40 GB available

07:56 05-11-2024



Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Google Gmail YouTube meaning in the Ca... WhatsApp (1) Teams and Chan... Python Basic.ipynb...

Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample\_data  
Temperature.csv

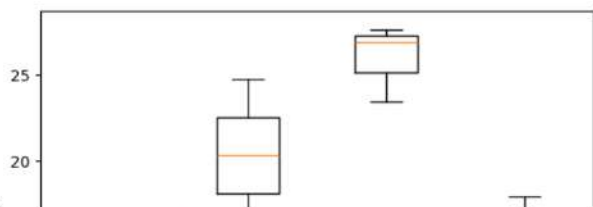
+ Code + Text

```
import numpy as np
T=np.array([5.7,7.3,11.5]),np.array([15.8,20.3,24.7]),np.array([27.6,26.9,23.4]),np.array([17.9,11.9,7.1])
plt.boxplot(T,labels=['winter','spring','summer','fall'])
plt.xlabel('seasons')
plt.ylabel('temp')
plt.xticks()
plt.show()
```

0s completed at 7:53 AM

75.40 GB available

07:57  
05-11-2024



Teams and Channels | General | Python Basic.ipynb - Colab Assignment.ipynb - Colab Create a box plot to compare t...

colab.research.google.com/drive/1MptzwVSWT6zklZ4iLNAKq4vc87v\_vN-h#scrollTo=zfq0SgahyNjw

Google Gmail YouTube | meaning in the Ca... WhatsApp (1) Teams and Chan... Python Basic.ipynb...

Assignment.ipynb

File Edit View Insert Runtime Tools Help All changes saved

Files

sample\_data

Temperature.csv

+ Code + Text

```
plt.ylabel('temp')
plt.xticks()
plt.show()
```

temp

winter spring summer fall

0s completed at 7:53 AM

Search

07:57 05-11-2024

