

colab.research.google.com/drive/1vCj3uqZB7Vt77qau34YDt5UAVgh-SOG#scrollTo=a-Oy4KR04A-q

project1.ipynb

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Files

..

sample_data

heart (1).csv

Disk 69.53 GB available

[3]

from google.colab import files

uploaded = files.upload()

Choose Files

No file chosen

Cancel upload

[1]

Start coding or generate with AI.

heart (1).csv

1 to 10 of 1025 entries

age	sex	cp	trestbps	chol	fbs	restecg	thalach	exangi
52	1	0	125	212	0	1	168	0
53	1	0	140	203	1	0	155	1
70	1	0	145	174	0	1	125	1
61	1	0	148	203	0	1	161	0
62	0	0	138	294	1	1	106	0
58	0	0	100	248	0	0	122	0
58	1	0	114	318	0	2	140	0
55	1	0	160	289	0	0	145	1
46	1	0	120	249	0	0	144	0
54	1	0	122	286	0	0	116	1

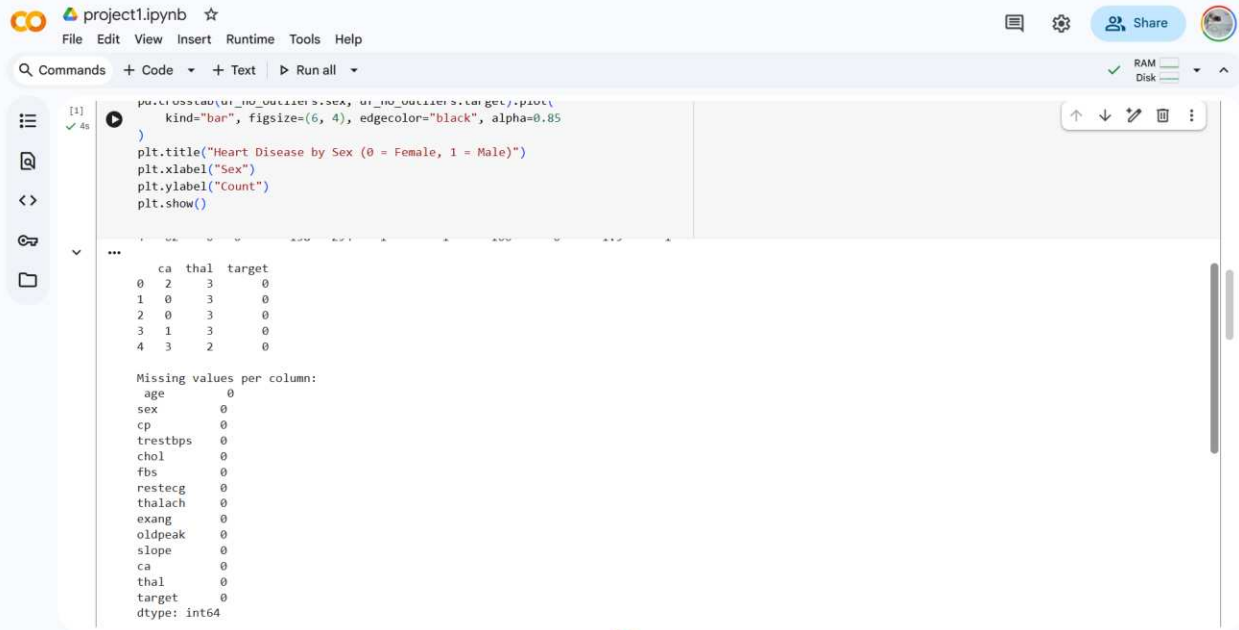
Show 10 per page 1 2 10 100 103

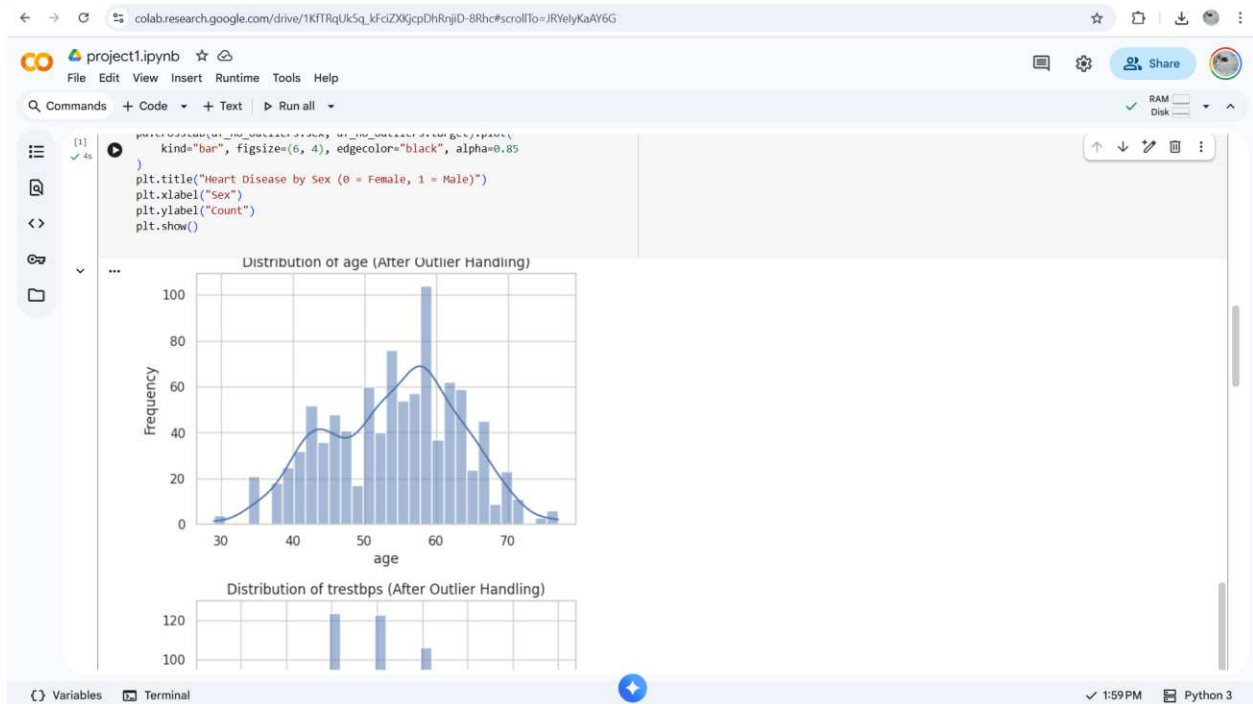
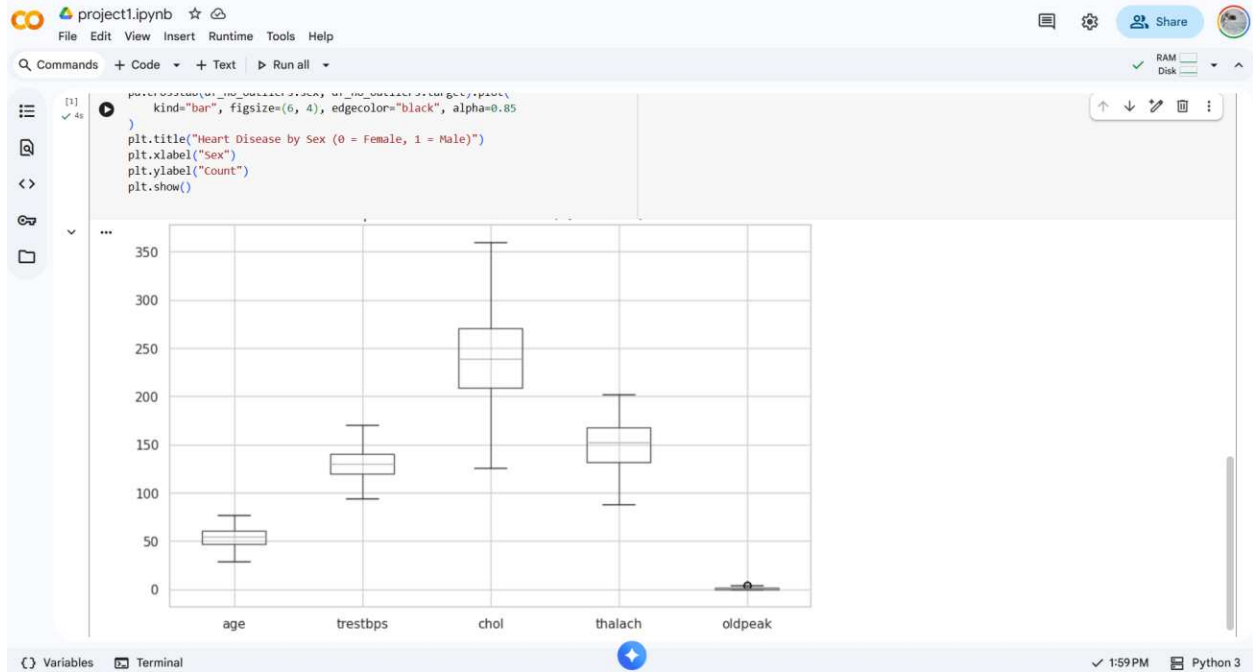
Variables

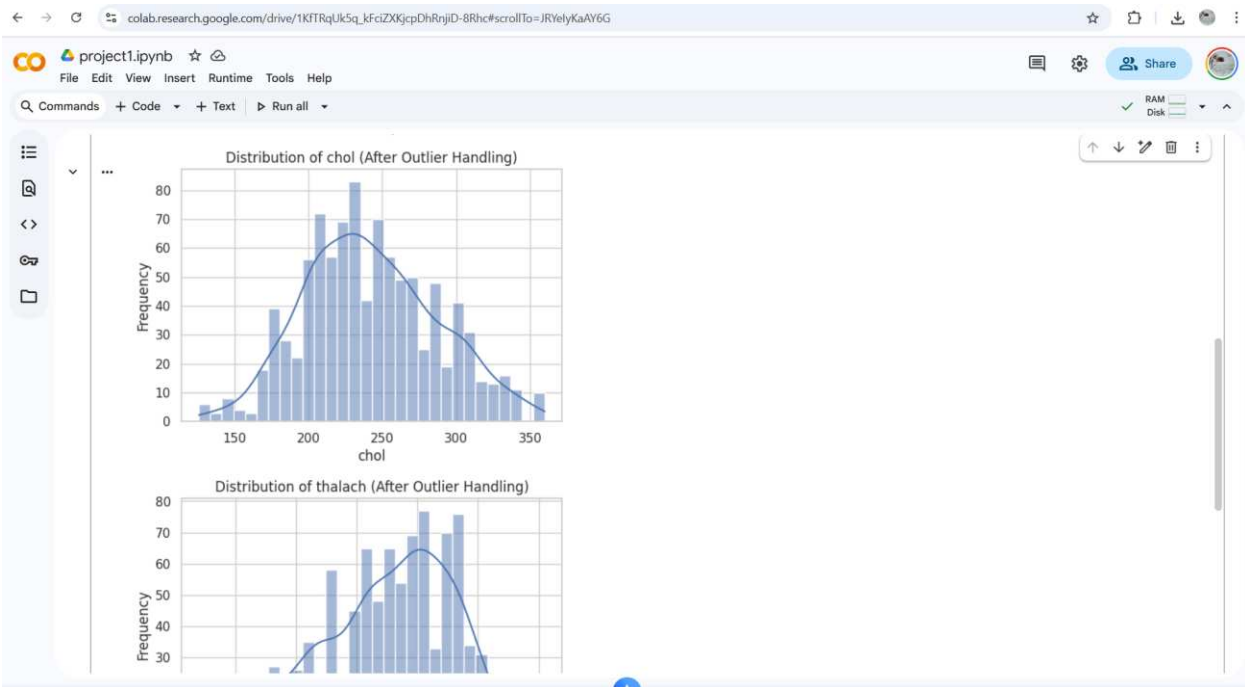
Terminal

Executing (37m 51s)

Python 3









- sample_data
- heart (1) (1).csv
- heart (1) (2).csv
- heart (1).csv

```
[4]: from google.colab import files
      uploaded = files.upload()

Choose Files heart (1).csv
heart (1).csv(text/csv) - 38114 bytes, last modified: 11/13/2025 - 100% done
Saving heart (1).csv to heart (1) (1).csv

[10]: import pandas as pd
      df = pd.read_csv('heart (1).csv') # غلّري الاسم حسب الملف اللي رغبتيه
      df.head()
```

	age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang	oldpeak	slope
0	52	1	0	125	212	0	1	168	0	1.0	2
1	53	1	0	140	203	1	0	155	1	3.1	0
2	70	1	0	145	174	0	1	125	1	2.6	0
3	61	1	0	148	203	0	1	161	0	0.0	2
4	62	0	0	138	294	1	1	106	0	1.9	1

Next steps: [Generate code with df](#) [New interactive sheet](#)

age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang
52	1	0	125	212	0	1	168	0
53	1	0	140	203	1	0	155	1
70	1	0	145	174	0	1	125	1
61	1	0	148	203	0	1	161	0
62	0	0	138	294	1	1	106	0
58	0	0	100	248	0	0	122	0
58	1	0	114	318	0	2	140	0
55	1	0	160	289	0	0	145	1
46	1	0	120	249	0	0	144	0
54	1	0	122	286	0	0	116	1

- sample_data
- heart (1) (1).csv
- heart (1) (2).csv
- heart (1).csv

```
[11]: df.columns
      Index(['age', 'sex', 'cp', 'trestbps', 'chol', 'fbs', 'restecg', 'thalach',
            'exang', 'oldpeak', 'slope', 'ca', 'thal', 'target'],
            dtype='object')

[12]: df.isnull().sum()
```

	0
age	0
sex	0
cp	0
trestbps	0
chol	0
fbs	0
restecg	0
thalach	0
exang	0
oldpeak	0
slope	0
ca	0
thal	0
target	0

age	sex	cp	trestbps	chol	fbs	restecg	thalach	exang
52	1	0	125	212	0	1	168	0
53	1	0	140	203	1	0	155	1
70	1	0	145	174	0	1	125	1
61	1	0	148	203	0	1	161	0
62	0	0	138	294	1	1	106	0
58	0	0	100	248	0	0	122	0
58	1	0	114	318	0	2	140	0
55	1	0	160	289	0	0	145	1
46	1	0	120	249	0	0	144	0
54	1	0	122	286	0	0	116	1