

Seaborn

Document: <https://seaborn.pydata.org>

Setup

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns

tips = sns.load_dataset('tips')
tips.head()
```

↳

	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4

Saved successfully!

×

tips

	total_bill	tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3
2	21.01	3.50	Male	No	Sun	Dinner	3
3	23.68	3.31	Male	No	Sun	Dinner	2
4	24.59	3.61	Female	No	Sun	Dinner	4
...
239	29.03	5.92	Male	No	Sat	Dinner	3
240	27.18	2.00	Female	Yes	Sat	Dinner	2
241	22.67	2.00	Male	Yes	Sat	Dinner	2
242	17.82	1.75	Male	No	Sat	Dinner	2
243	18.78	3.00	Female	No	Thur	Dinner	2

244 rows × 7 columns

► Relational Plots

[] ↪ 13 cells hidden

► Distributions Plots

[] ↪ 14 cells hidden

► Categorical Plots

[] ↪ 10 cells hidden

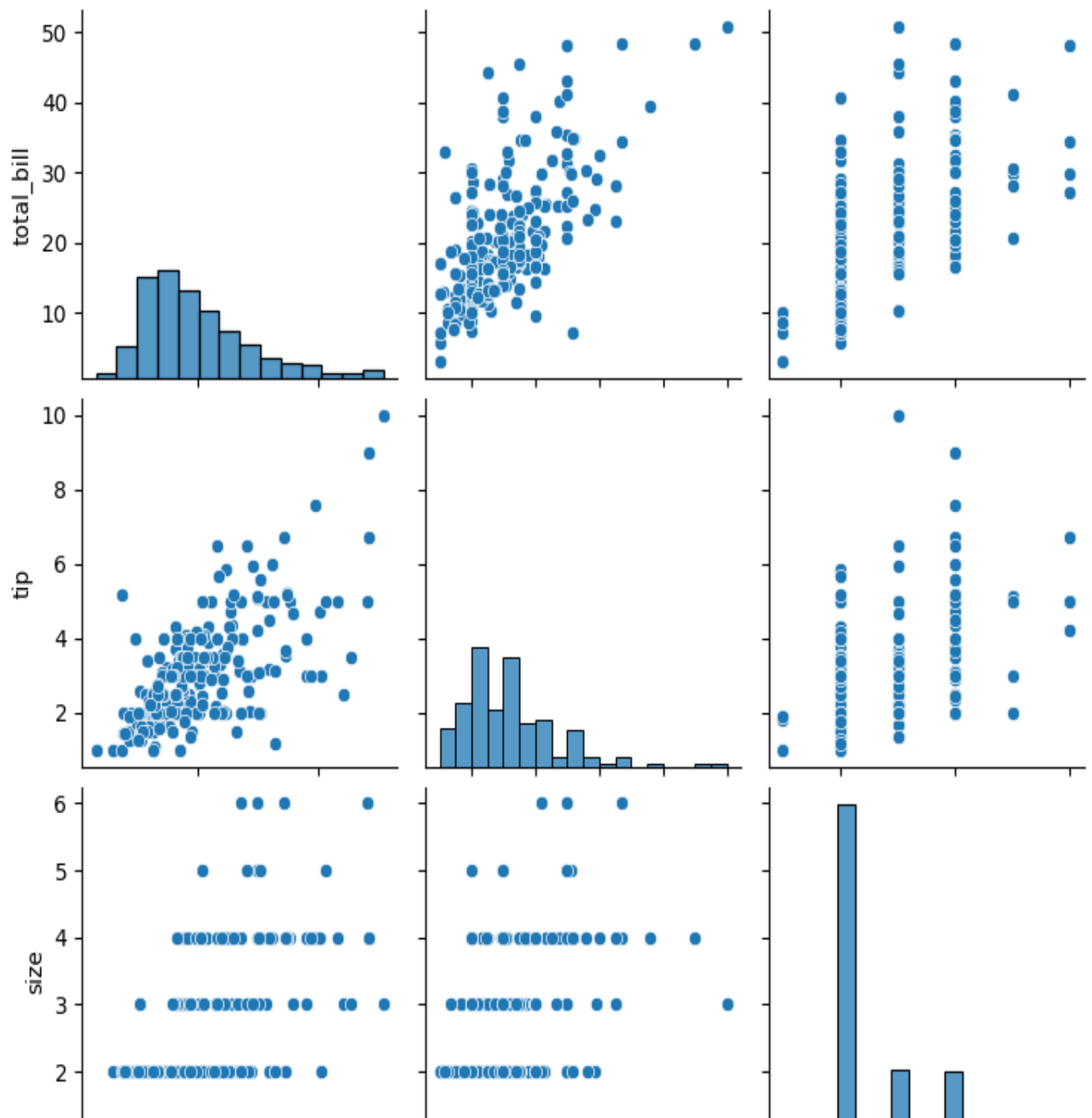
► JointPlots

```
[ ] ↪ 3 cells hidden
```

▼ Pair plots

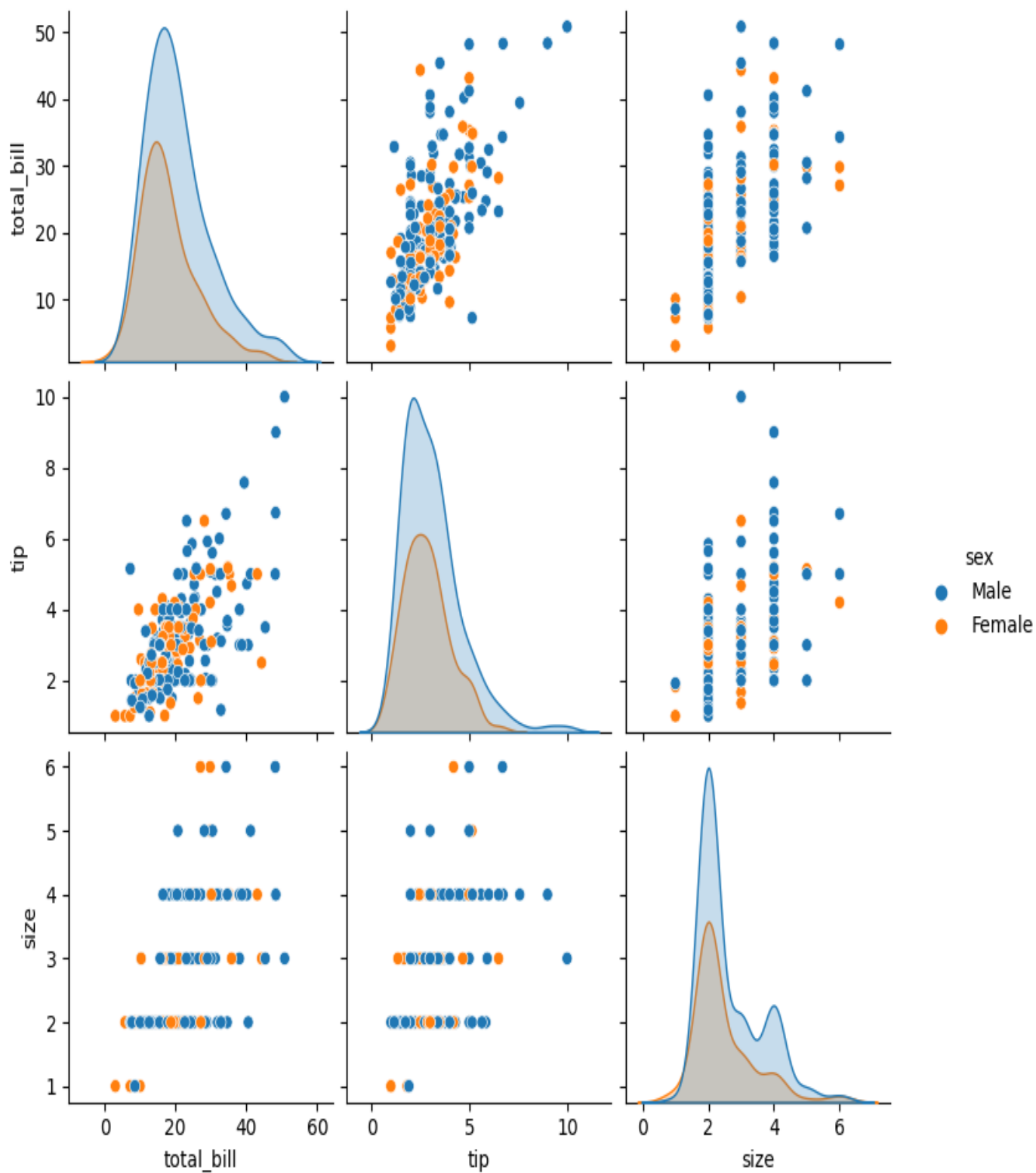
```
sns.pairplot(data = tips)
```

<seaborn.axisgrid.PairGrid at 0x7f0e40bd8eb0>



```
sns.pairplot(data = tips, hue = 'sex')
```

<seaborn.axisgrid.PairGrid at 0x7f0e40766490>



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