

```
In [1]: ▶ import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
```

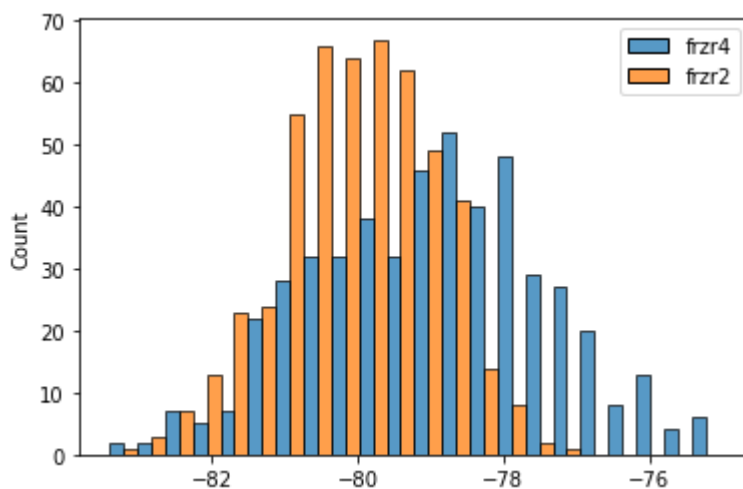
```
In [2]: ▶ myDataFromFile = pd.read_csv("datasets/006ExerciseFile.csv")
display(myDataFromFile)
```

	frzr4	frzr2
0	-78.921478	-81.919121
1	-79.073391	-80.711522
2	-78.384396	-80.614746
3	-80.136295	-79.818321
4	-81.665934	-81.058738
...
495	-78.563320	-79.710078
496	-80.250203	-79.792869
497	-79.145973	-81.040803
498	-76.098627	-80.775510
499	-80.548183	-80.393269

500 rows × 2 columns

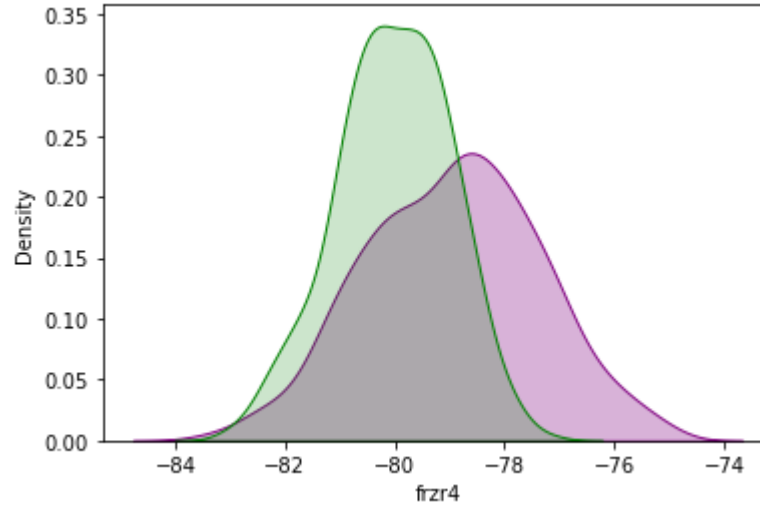
```
In [7]: ▶ sns.histplot(myDataFromFile, multiple="dodge")
```

Out[7]: <AxesSubplot:ylabel='Count'>



```
In [23]: sns.kdeplot(myDataFromFile["frzr4"], color="purple", fill=True, alpha=0.3)
sns.kdeplot(myDataFromFile["frzr2"], color="green", fill=True, alpha=0.2)
```

Out[23]: <AxesSubplot:xlabel='frzr4', ylabel='Density'>



```
In [24]: myExerciseSummary = myDataFromFile.describe()
print(myExerciseSummary)
```

	frzr4	frzr2
count	500.000000	500.000000
mean	-78.950004	-80.042102
std	1.590001	1.052367
min	-83.397327	-83.105795
25%	-80.073219	-80.757600
50%	-78.861037	-80.010948
75%	-77.841418	-79.284328
max	-75.047915	-77.134292

```
In [25]: myExerciseSummary.to_csv("myExercise006Summary.csv")
```

```
In [26]: myE6S = pd.read_csv("myExercise006Summary.csv")  
display(myE6S)
```

	Unnamed: 0	frzr4	frzr2
0	count	500.000000	500.000000
1	mean	-78.950004	-80.042102
2	std	1.590001	1.052367
3	min	-83.397327	-83.105795
4	25%	-80.073219	-80.757600
5	50%	-78.861037	-80.010948
6	75%	-77.841418	-79.284328
7	max	-75.047915	-77.134292

```
In [ ]:
```