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In [1]: import pandas as pd

In [2]: import seaborn as sns

In [4]: penguins = sns.load_dataset("penguins")

In [5]: penguins.head()

Out[5]:
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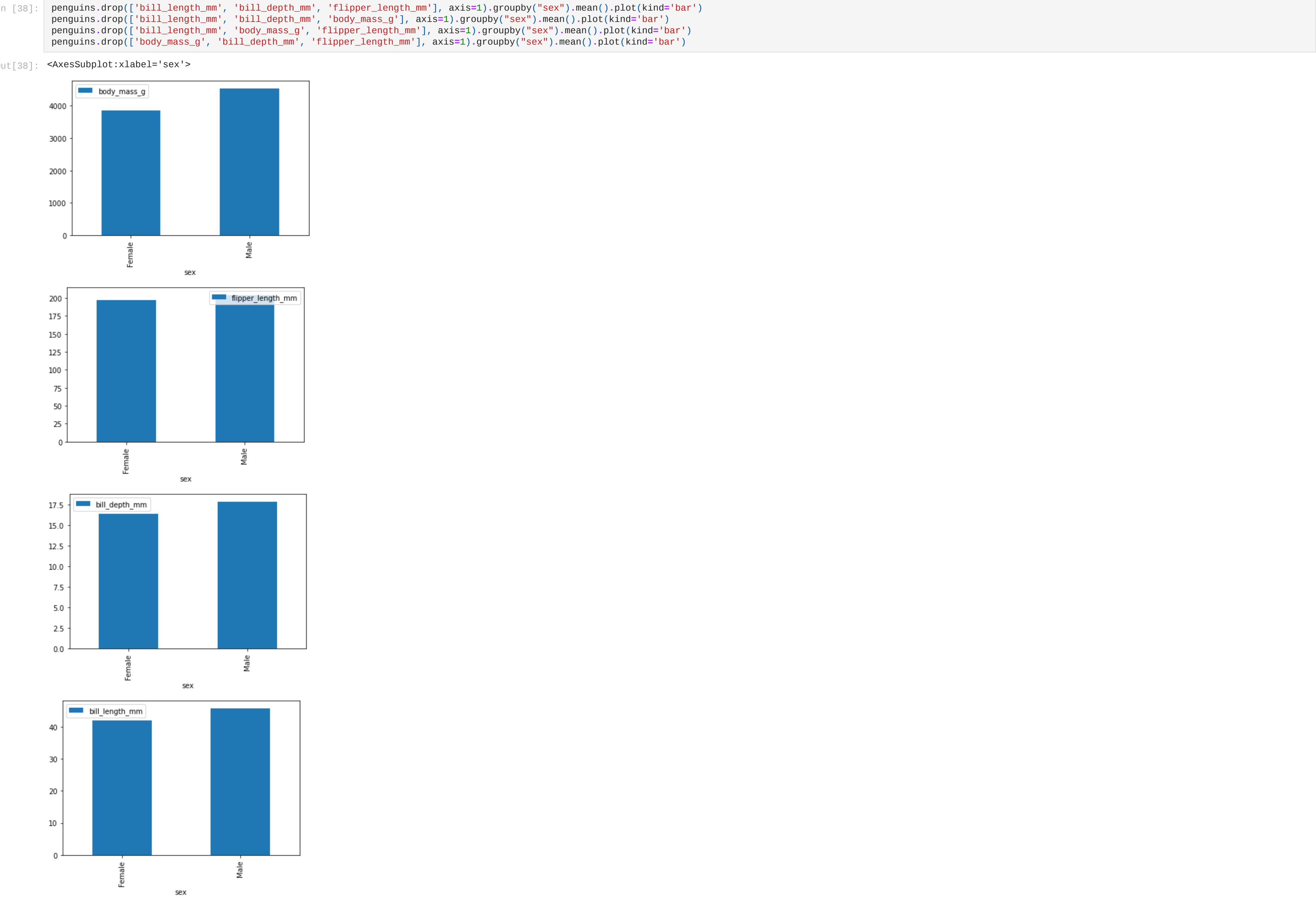
	species	island	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g	sex
0	Adelie	Torgersen	39.1	18.7	181.0	3750.0	Male
1	Adelie	Torgersen	39.5	17.4	186.0	3800.0	Female
2	Adelie	Torgersen	40.3	18.0	195.0	3250.0	Female
3	Adelie	Torgersen	NaN	NaN	NaN	NaN	NaN
4	Adelie	Torgersen	36.7	19.3	193.0	3450.0	Female

```
In [6]: penguins.groupby("sex").mean()

Out[6]:
```

	bill_length_mm	bill_depth_mm	flipper_length_mm	body_mass_g
sex				
Female	42.096970	16.425455	197.363636	3862.272727
Male	45.854762	17.891071	204.505952	4545.684524

Barplot showing for each numeric column the mean for each sex.



Plot 1: There seems to be a significant difference between male and female penguins when it comes to body mass.

Plot 2: Flipper length seems to be very even between the 2 sexes. Value is slightly higher for the male sex.

Plot 3: Bill depth seems to be very even between the 2 sexes. Value is slightly higher for the male sex.

Plot 4: Bill length seems to be very even between the 2 sexes. Value is slightly higher for the male sex.

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In [ ]:
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