

SEABORN BARPLOT

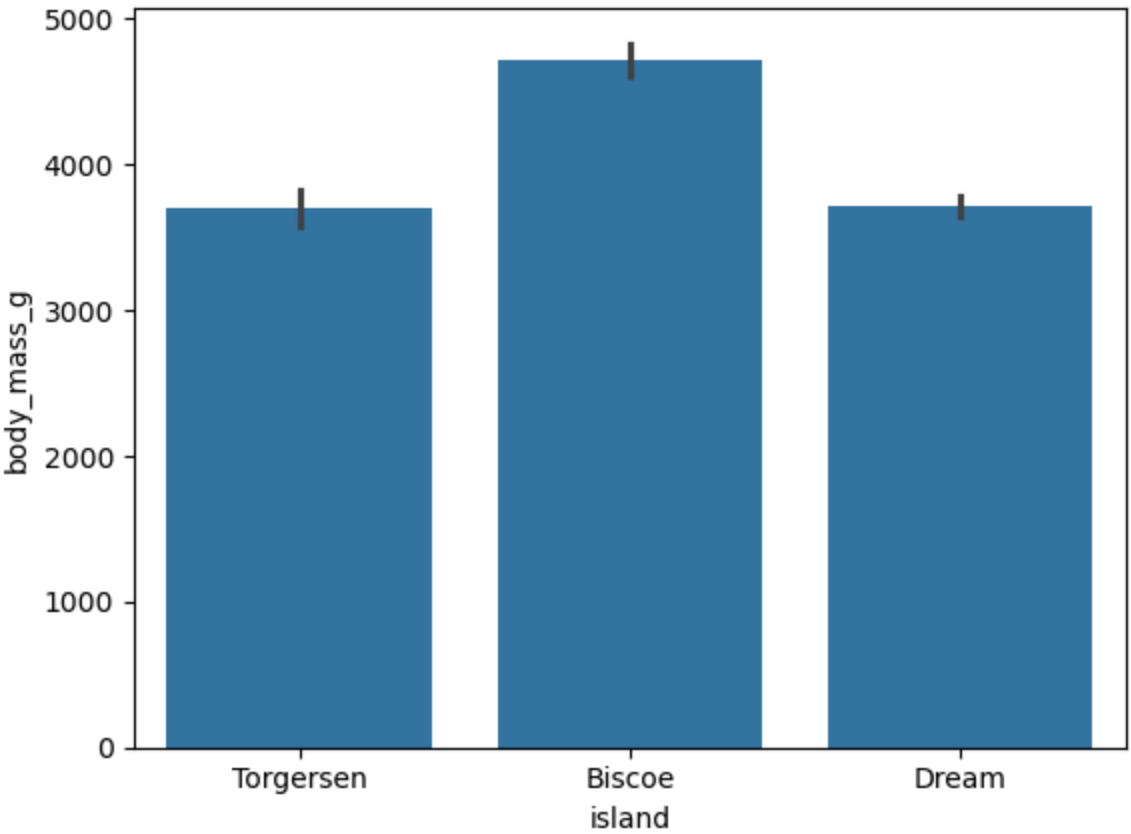
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In [3]: import seaborn as sns
import matplotlib.pyplot as plt
import pandas as pd
```

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In [5]: y_1=sns.load_dataset("penguins")  #name of the csv file was penguins.csv availabe in github
y_1.head(10)
```

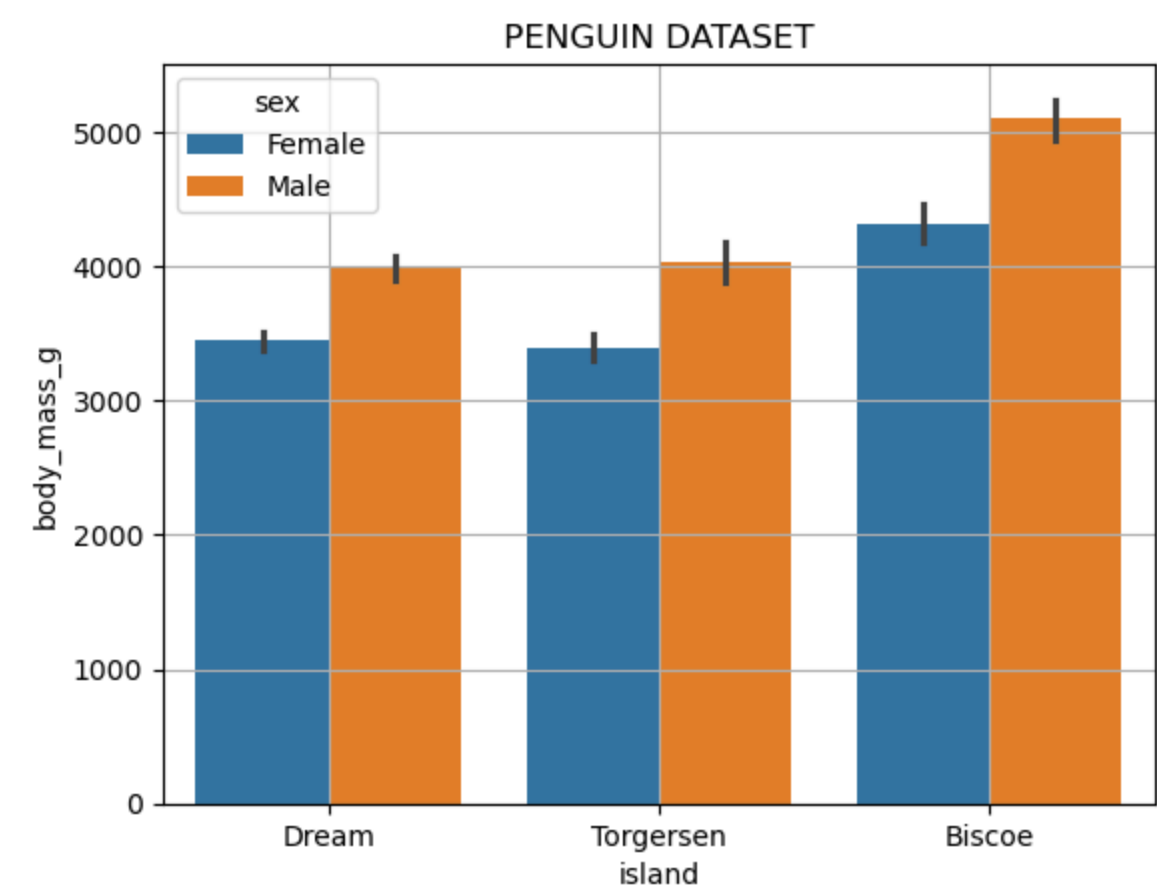
Out[5]:

	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
5	Adelie	Torgersen	39.3	20.6	190.0	3650.0	Male
6	Adelie	Torgersen	38.9	17.8	181.0	3625.0	Female
7	Adelie	Torgersen	39.2	19.6	195.0	4675.0	Male
8	Adelie	Torgersen	34.1	18.1	193.0	3475.0	NaN
9	Adelie	Torgersen	42.0	20.2	190.0	4250.0	NaN

```
In [7]: sns.barplot(x=y_1.island,y=y_1.body_mass_g)
plt.show()
```



```
In [23]: order_1=["Dream","Torgersen","Biscoe"]
sns.barplot(x="island",y="body_mass_g",data=y_1,hue="sex",order=order_1,hue_order=["Female","Male"])
plt.grid()
plt.title(" PENGUIN DATASET ")
plt.show()
```



In []: