

BMI (Body Mass Index)

```
In [2]: #Weight in KG/Height in m and its square
```

```
In [3]: height = input("What is your height ")
```

What is your height 1.828

```
In [4]: type(height)
```

Out[4]: str

```
In [5]: height = float(height)
```

```
In [6]: weight = input("What is your weight ")
```

What is your weight 104

```
In [7]: type(weight)
```

Out[7]: str

```
In [8]: weight = float (weight)
```

```
In [9]: name = input("What is your name ")
```

What is your name Saleh

```
In [10]: BMI = weight/height**2  
BMI
```

Out[10]: 31.122964438422017

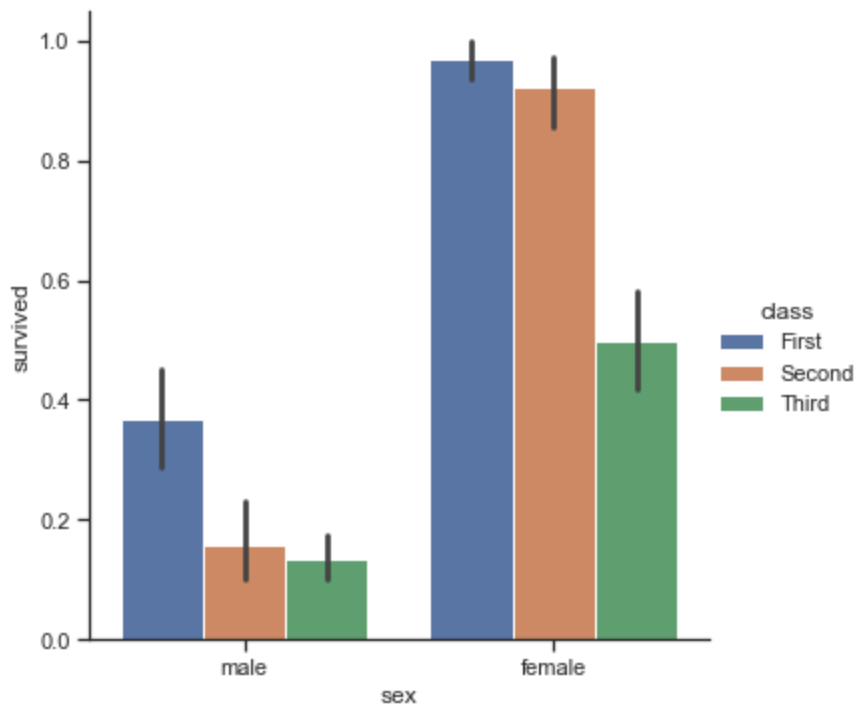
```
In [11]: print ("My name is", name, "and my BMI is", BMI)
```

My name is Saleh and my BMI is 31.122964438422017

Titanic Barplot

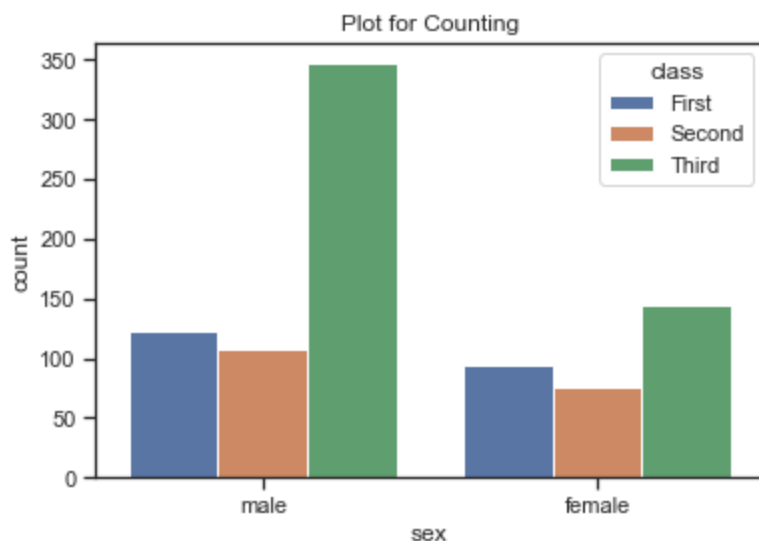
```
In [14]: import seaborn as sns  
import matplotlib.pyplot as plt  
sns.set_theme(style="ticks", color_codes=True)  
  
kashti = sns.load_dataset("titanic")  
sns.catplot(x="sex", y="survived", hue="class", kind="bar", data=kashti)
```

Out[14]: <seaborn.axisgrid.FacetGrid at 0x209513f7b50>



Titanic Countplot

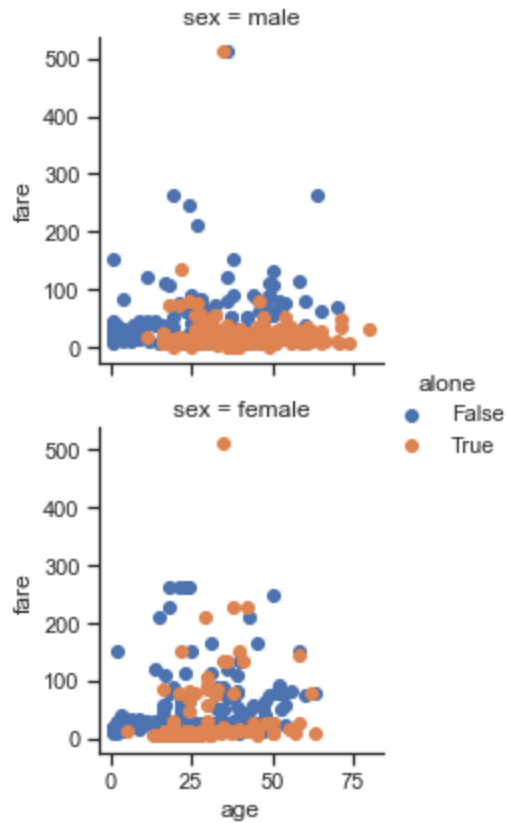
```
In [21]: import seaborn as sns
import matplotlib.pyplot as plt
sns.set_theme(style="ticks", color_codes=True)
kashti = sns.load_dataset("titanic")
p1 = sns.countplot(x="sex", data=kashti, hue="class")
p1.set_title("Plot for Counting")
plt.show()
```



Titanic Scatterplot

```
In [22]: import seaborn as sns
import matplotlib.pyplot as plt
sns.set_theme(style="ticks", color_codes=True)
```

```
kashti = sns.load_dataset("titanic")
g = sns.FacetGrid(kashti, row="sex", hue="alone")
g.map(plt.scatter, "age", "fare").add_legend()
p1.set_title("Plot for Counting")
plt.show()
```



In []:

In []: