In [8]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
phool = sns.load_dataset('iris')
phool
```

Out[8]:

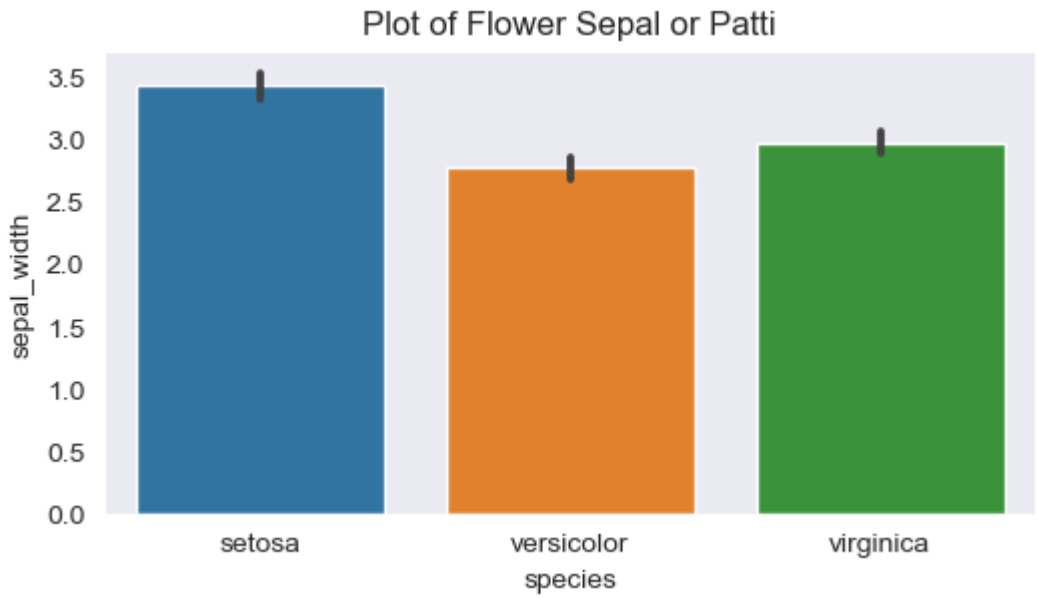
	sepal_length	sepal_width	petal_length	petal_width	species
0	5.1	3.5	1.4	0.2	setosa
1	4.9	3.0	1.4	0.2	setosa
2	4.7	3.2	1.3	0.2	setosa
3	4.6	3.1	1.5	0.2	setosa
4	5.0	3.6	1.4	0.2	setosa
...	...	...	...	...	...
145	6.7	3.0	5.2	2.3	virginica
146	6.3	2.5	5.0	1.9	virginica
147	6.5	3.0	5.2	2.0	virginica
148	6.2	3.4	5.4	2.3	virginica
149	5.9	3.0	5.1	1.8	virginica

150 rows × 5 columns

In [25]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
phool = sns.load_dataset('iris')
phool
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="species",y="sepal_width",data=phool)
plt.title("Plot of Flower Sepal or Patti")
# sns.set_style("dark")
plt.show()
```

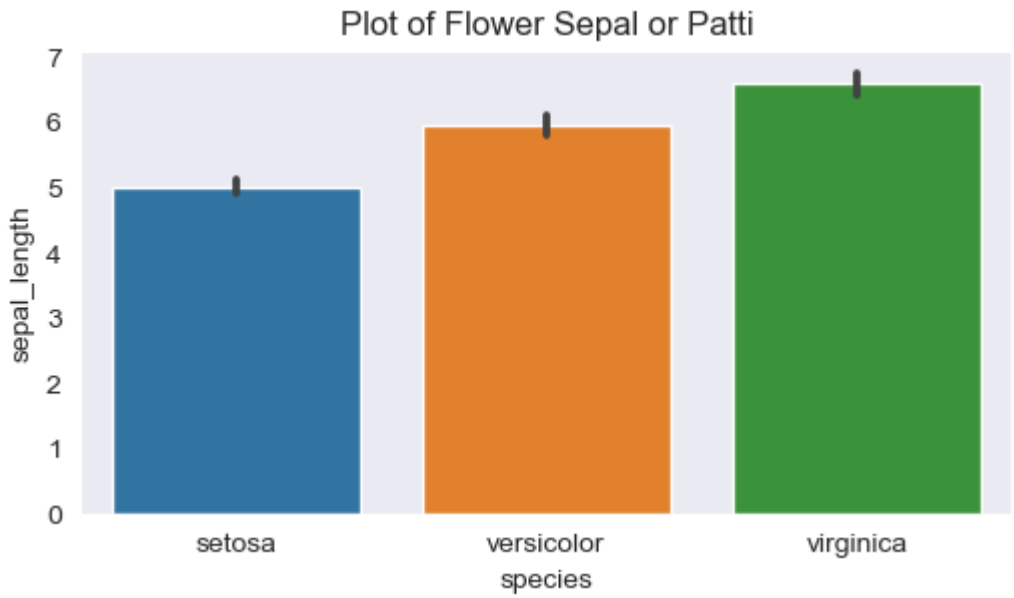


For Sepal Length

In [10]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
phool = sns.load_dataset('iris')
phool
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="species",y="sepal_length",data=phool)
plt.title("Plot of Flower Sepal or Patti")
sns.set_style("dark")
plt.show()
```



In [11]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
```

Out[11]:

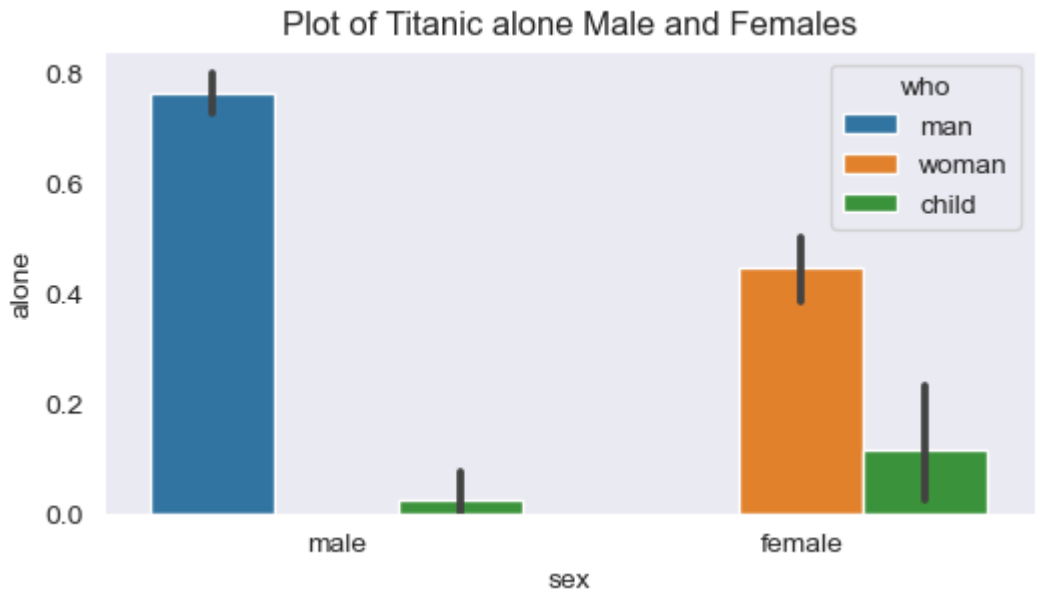
	survived	pclass	sex	age	sibsp	parch	fare	embarked	class	who	adult_male	d
0	0	3	male	22.0	1	0	7.2500	S	Third	man	True	N
1	1	1	female	38.0	1	0	71.2833	C	First	woman	False	
2	1	3	female	26.0	0	0	7.9250	S	Third	woman	False	N
3	1	1	female	35.0	1	0	53.1000	S	First	woman	False	
4	0	3	male	35.0	0	0	8.0500	S	Third	man	True	N
...	...	...	...	...	...	...	...	...	...	...	...	
886	0	2	male	27.0	0	0	13.0000	S	Second	man	True	N
887	1	1	female	19.0	0	0	30.0000	S	First	woman	False	
888	0	3	female	NaN	1	2	23.4500	S	Third	woman	False	N
889	1	1	male	26.0	0	0	30.0000	C	First	man	True	
890	0	3	male	32.0	0	0	7.7500	Q	Third	man	True	N

891 rows × 15 columns

In [14]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="sex",y="alone",hue="who",data=ship)
plt.title("Plot of Titanic alone Male and Females")
sns.set_style("dark")
plt.show()
```

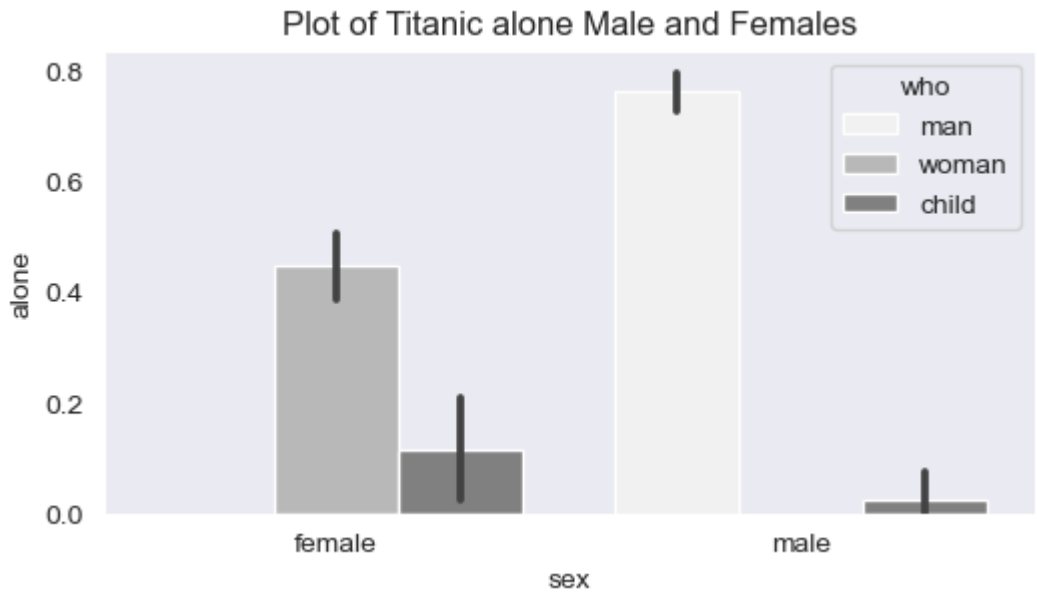


Order and Color for Plots

In [16]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="sex",y="alone",hue="who",data=ship,order=["female","male"],color = 'gre
plt.title("Plot of Titanic alone Male and Females")
sns.set_style("dark")
plt.show()
```

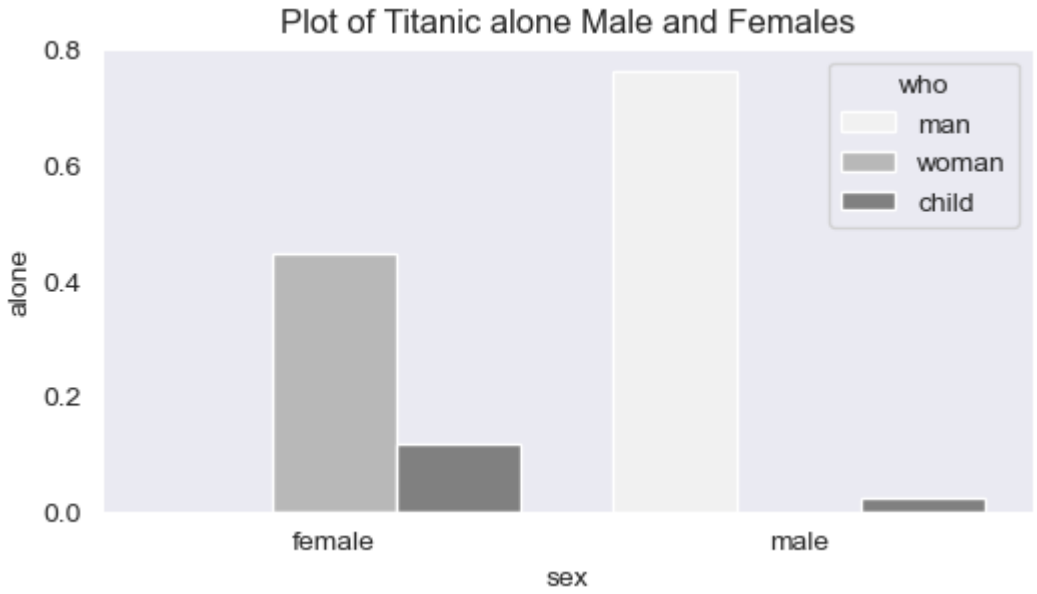


Removing Error Bar or vertical line

In [17]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="sex",y="alone",hue="who",data=ship,order=["female","male"],color = 'gre
plt.title("Plot of Titanic alone Male and Females")
sns.set_style("dark")
plt.show()
```



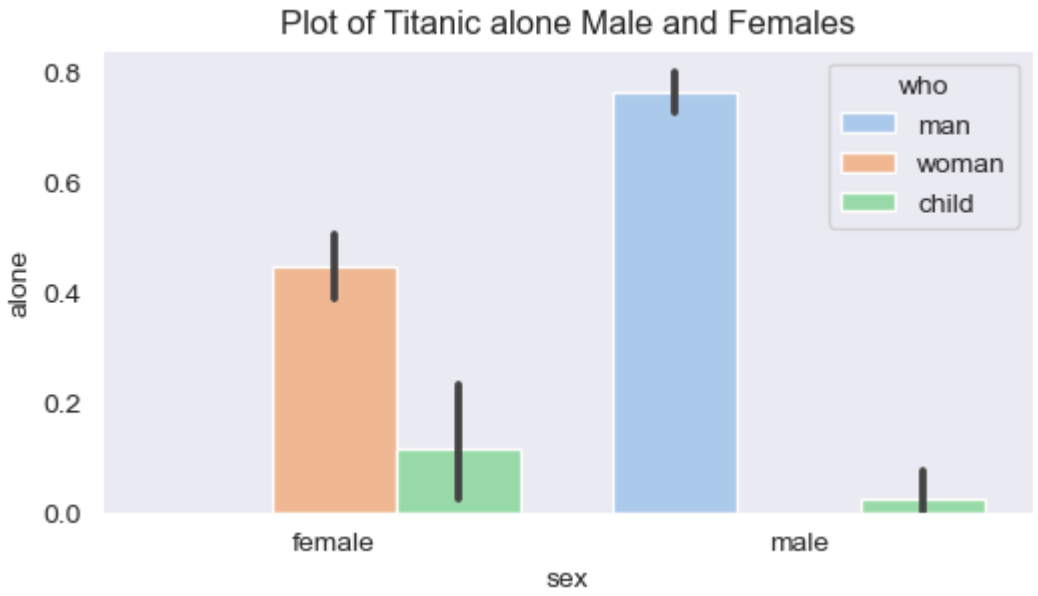
Add already build color Plattes

In [26]:
```
# Import Libraries
import seaborn as sns
import matplotlib.pyplot as plt
# sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="sex",y="alone",hue="who",data=ship,order=["female","male"],
            color = 'grey',palette='pastel')
plt.title("Plot of Titanic alone Male and Females")
```

```
# sns.set_style("dark")
plt.show()
```



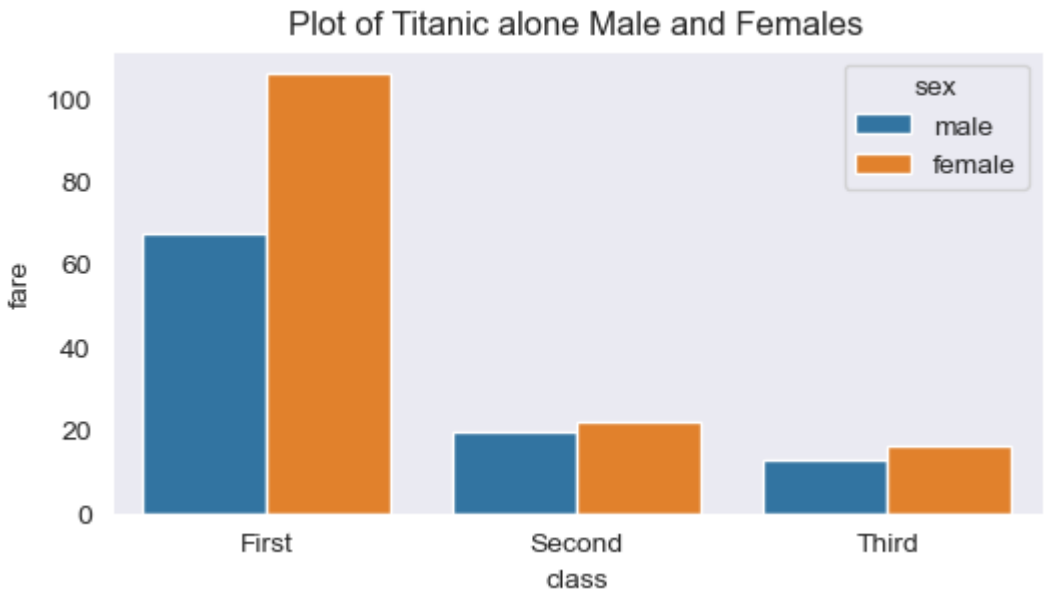
Estimator

Mean

In [38]:
```
# Import Libraries
import seaborn as sns
import numpy
import matplotlib.pyplot as plt
# sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="class",y="fare",hue="sex",data=ship,ci=None,
            estimator= mean)
plt.title("Plot of Titanic alone Male and Females")
# sns.set_style("dark")
plt.show()
```

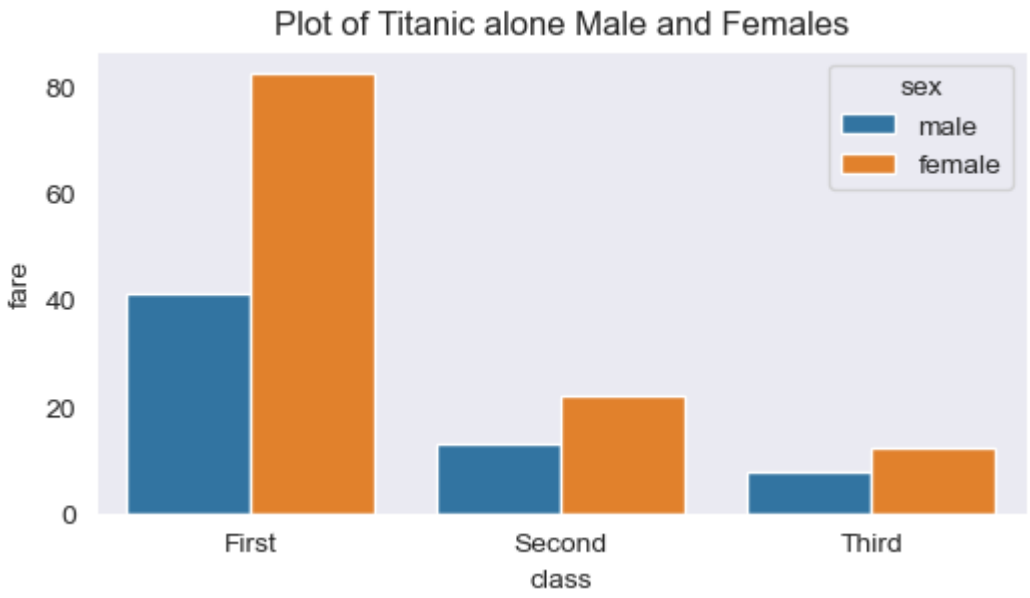


For Median

In [37]:
```
# Import Libraries
import seaborn as sns
import numpy
import matplotlib.pyplot as plt
# sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="class",y="fare",hue="sex",data=ship,ci=None,
            estimator= median)
plt.title("Plot of Titanic alone Male and Females")
# sns.set_style("dark")
plt.show()
```

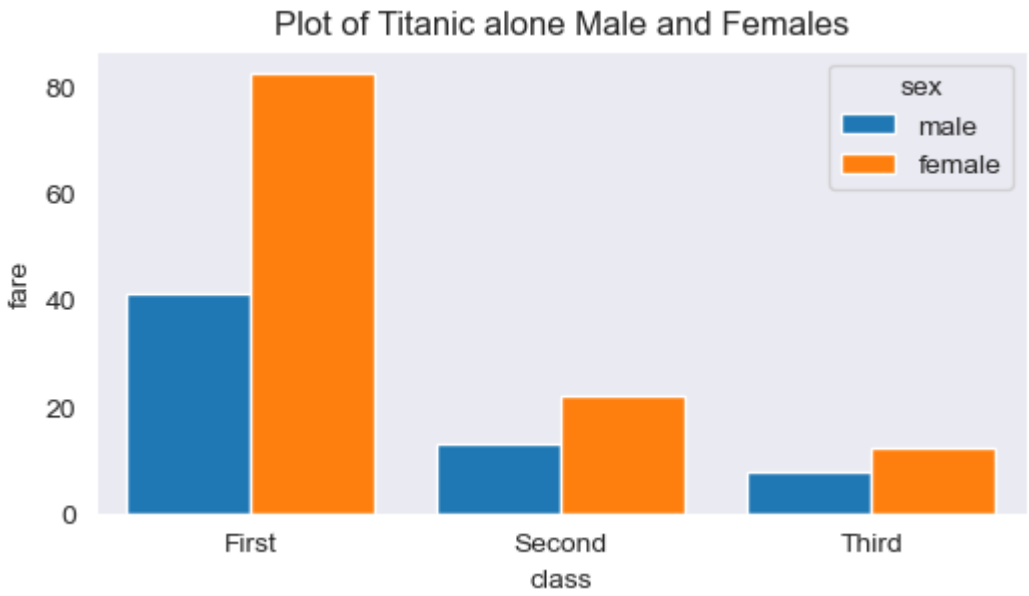


Color Saturation

In [39]:
```
# Import Libraries
import seaborn as sns
import numpy
import matplotlib.pyplot as plt
# sns.set_style(style=None,rc=None)

# Load dataset
ship = sns.load_dataset('titanic')
ship
# Change figure
plt.figure(figsize=(6,3))

#draw a line plot
sns.barplot(x="class",y="fare",hue="sex",data=ship,ci=None,
            estimator= median,saturation=1)
plt.title("Plot of Titanic alone Male and Females")
# sns.set_style("dark")
plt.show()
```


Plot of Titanic alone Male and Females
sex
male
female
fare
80
60
40
20
0
First
Second
Third
class