plot assignment

- dataset python chila

In [2]:
```
import seaborn as sns
import matplotlib.pyplot as plt
import pandas as pd
```

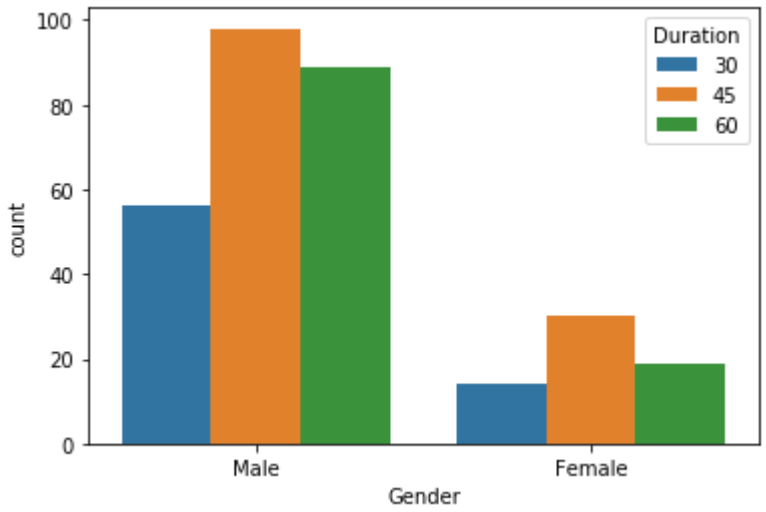
In [4]:
```
chila =pd.read_csv('data_viz.csv') # loading the file
chila
```

Out[4]:

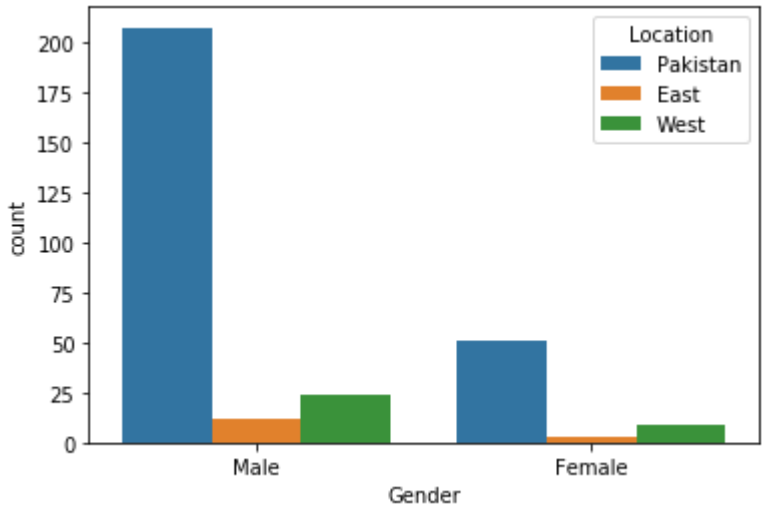
	Timestamp	Gender	Age	Location	Time_of_class	Duration
0	1/3/2022 19:09:29	Male	16-30	Pakistan	10:30	60
1	1/3/2022 19:09:33	Male	16-30	Pakistan	10:00	60
2	1/3/2022 19:09:33	Male	16-30	Pakistan	10:00	30
3	1/3/2022 19:09:33	Male	30-40	Pakistan	09:30	30
4	1/3/2022 19:09:34	Male	16-30	East	09:30	60
...	...	...	...	...	...	...
301	1/3/2022 19:11:51	Male	16-30	Pakistan	09:30	30
302	1/3/2022 19:11:52	Male	16-30	Pakistan	10:30	45
303	1/3/2022 19:11:53	Male	16-30	Pakistan	10:00	60
304	1/3/2022 19:11:54	Female	16-30	Pakistan	10:30	60
305	1/3/2022 19:11:55	Male	16-30	Pakistan	10:30	45

306 rows × 6 columns

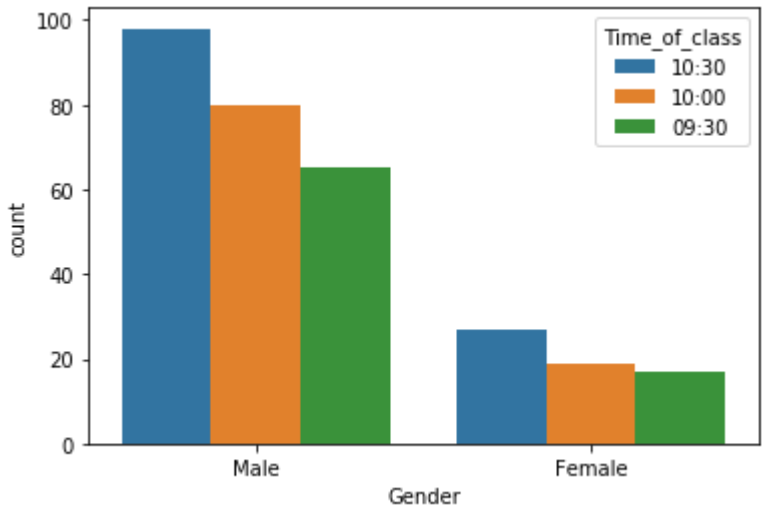
In [10]:
```
# applying data on graph
p=sns.countplot(x='Gender' ,data=chila,hue='Duration')
plt.show()
```



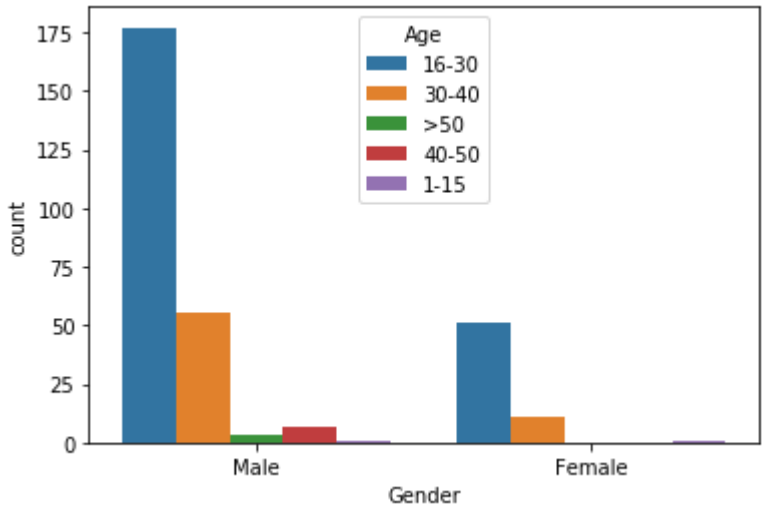
In [15]:
```
p=sns.countplot(x='Gender' ,data=chila,hue='Location')
plt.show()
```



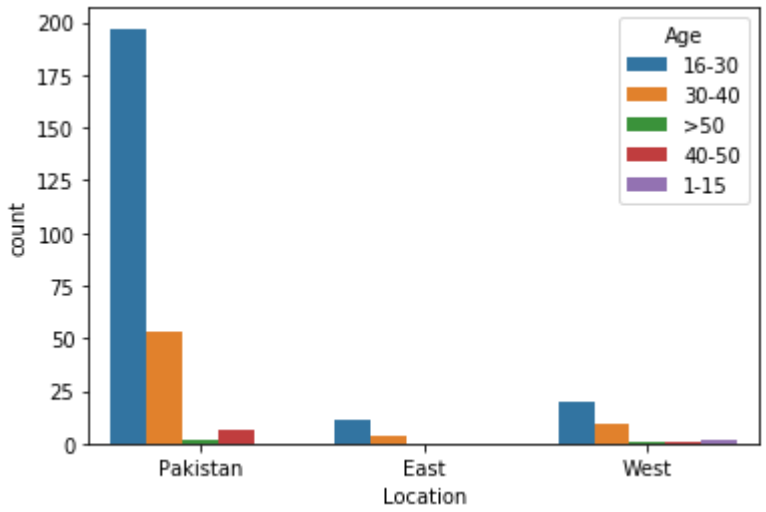
In [16]:
```
p=sns.countplot(x='Gender' ,data=chila,hue='Time_of_class')
plt.show()
```



In [11]:
```
p=sns.countplot(x='Gender' ,data=chila,hue='Age')
plt.show()
```



In [12]:
```
p=sns.countplot(x='Location' ,data=chila,hue='Age')
plt.show()
```



In [13]:
```
p=sns.countplot(x='Location' ,data=chila,hue='Time_of_class')
plt.show()
```

In [14]:
```
p=sns.countplot(x='Location' ,data=chila,hue='Duration')
plt.show()
```

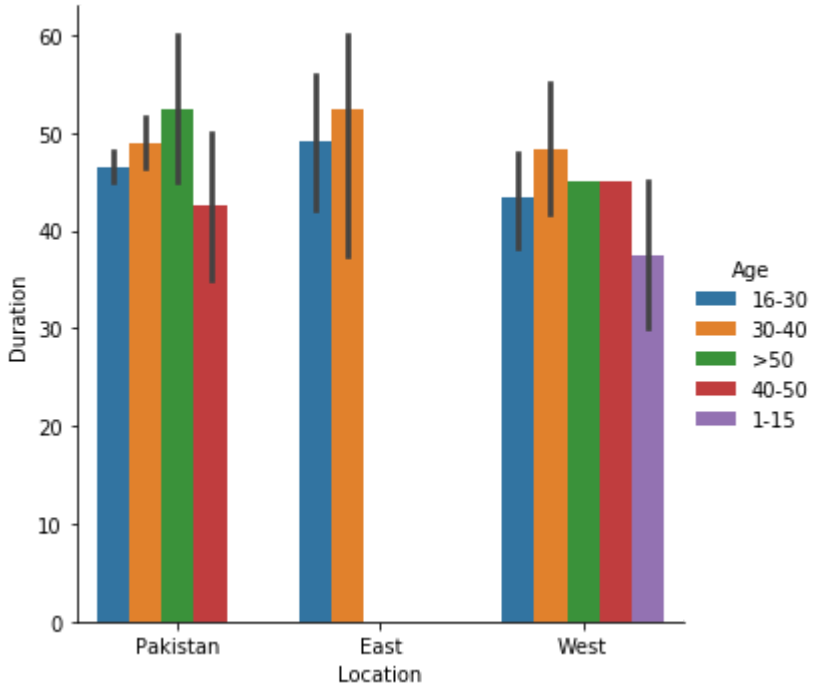
In [18]:
```
chila.head()
```

Out[18]:

	Timestamp	Gender	Age	Location	Time_of_class	Duration
0	1/3/2022 19:09:29	Male	16-30	Pakistan	10:30	60
1	1/3/2022 19:09:33	Male	16-30	Pakistan	10:00	60
2	1/3/2022 19:09:33	Male	16-30	Pakistan	10:00	30
3	1/3/2022 19:09:33	Male	30-40	Pakistan	09:30	30
4	1/3/2022 19:09:34	Male	16-30	East	09:30	60

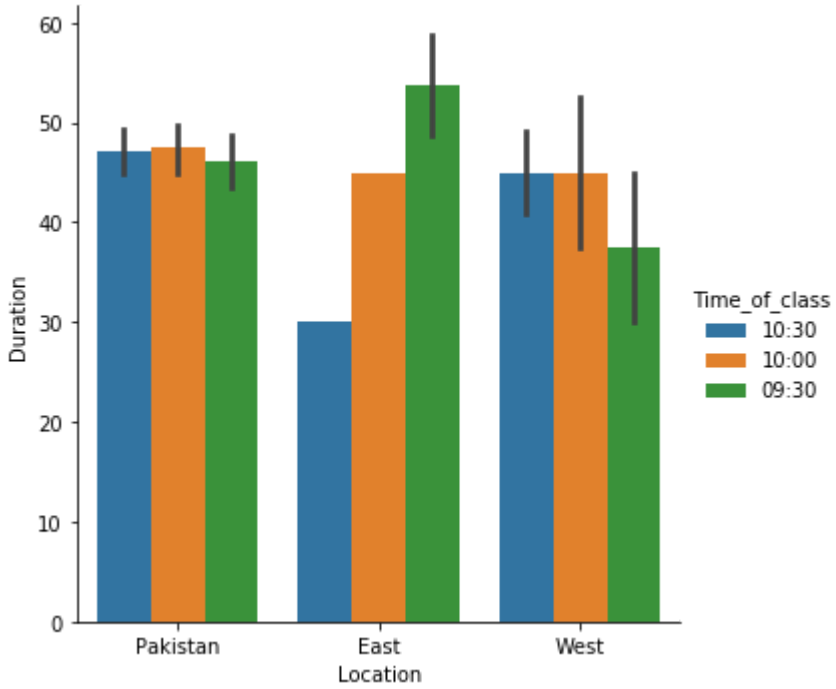
In [17]:
```
sns.catplot(x="Location",y="Duration", hue="Age", data=chila,kind="bar")
```

Out[17]: <seaborn.axisgrid.FacetGrid at 0x204fdb81488>



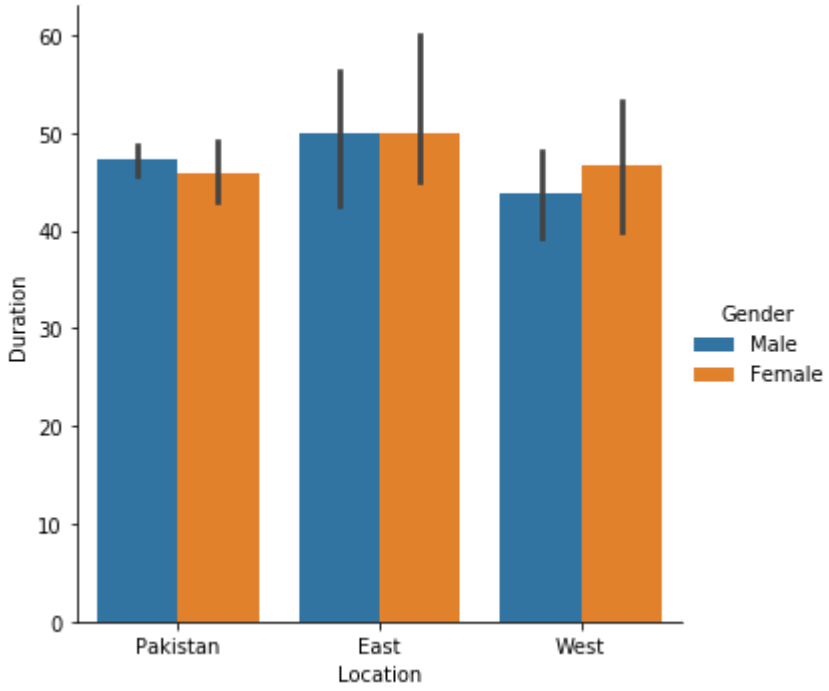
In [19]:
```
sns.catplot(x="Location",y="Duration", hue="Time_of_class", data=chila,kind
="bar")
```

Out[19]: <seaborn.axisgrid.FacetGrid at 0x204fdc8cb88>



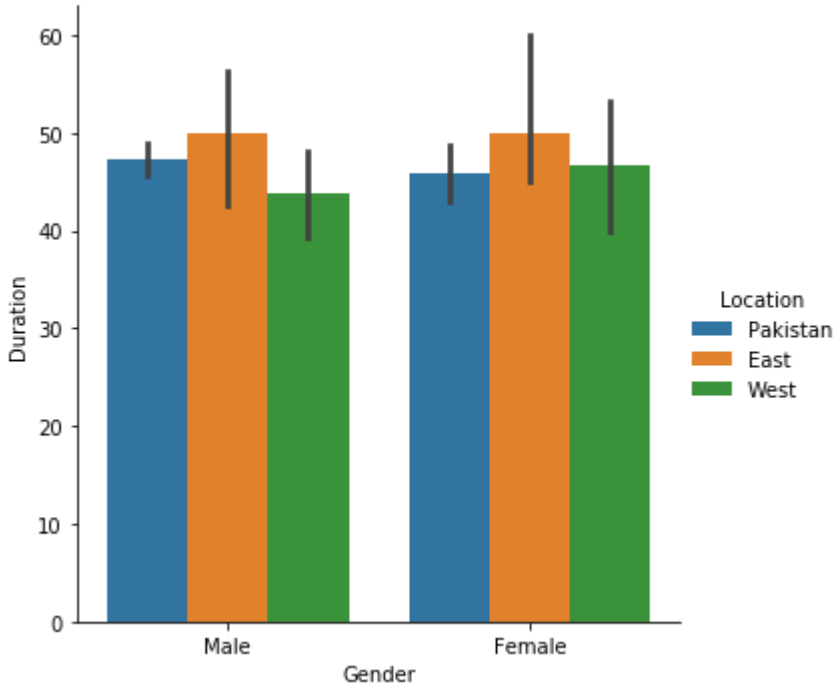
In [20]:
```
sns.catplot(x="Location",y="Duration", hue="Gender", data=chila,kind="bar")
```

Out[20]: <seaborn.axisgrid.FacetGrid at 0x204ff1dff08>



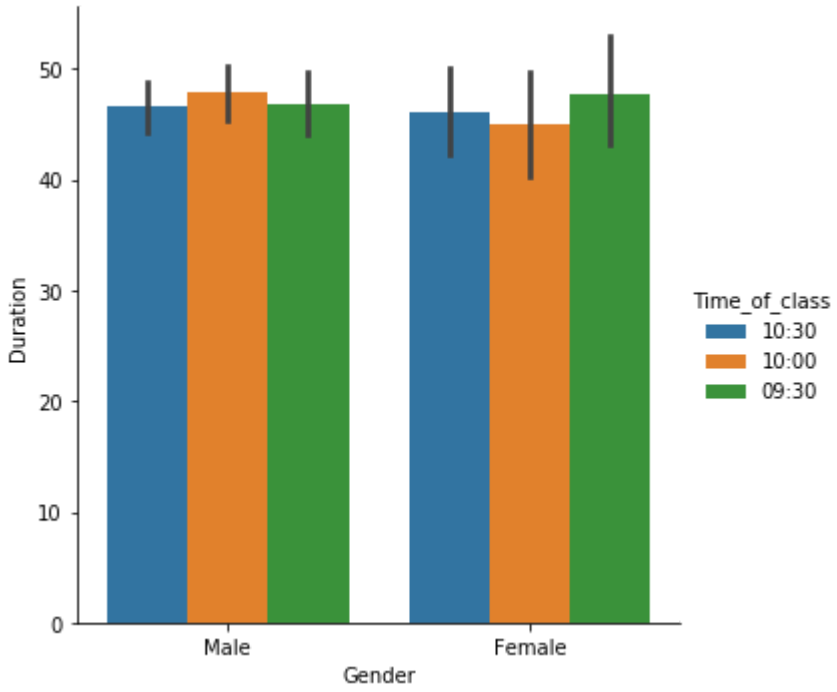
In [21]:
```
sns.catplot(x="Gender",y="Duration", hue="Location", data=chila,kind="bar")
```

Out[21]: <seaborn.axisgrid.FacetGrid at 0x204fe6707c8>



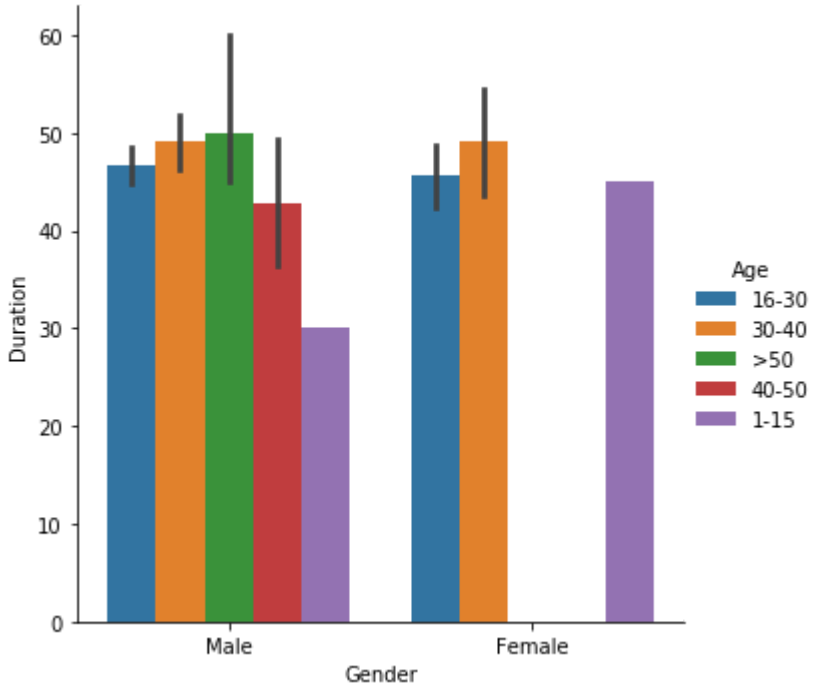
In [22]:
```
sns.catplot(x="Gender",y="Duration", hue="Time_of_class", data=chila,kind="bar")
```

Out[22]: <seaborn.axisgrid.FacetGrid at 0x204fddab2c8>



In [24]:
```
sns.catplot(x="Gender",y="Duration", hue="Age", data=chila,kind="bar")
```

Out[24]: <seaborn.axisgrid.FacetGrid at 0x204fa218a48>



In [ ]:
```

```