

ROLL NO. 412039

AIM: To Study Data Visualization using Seaborn Library in Python.

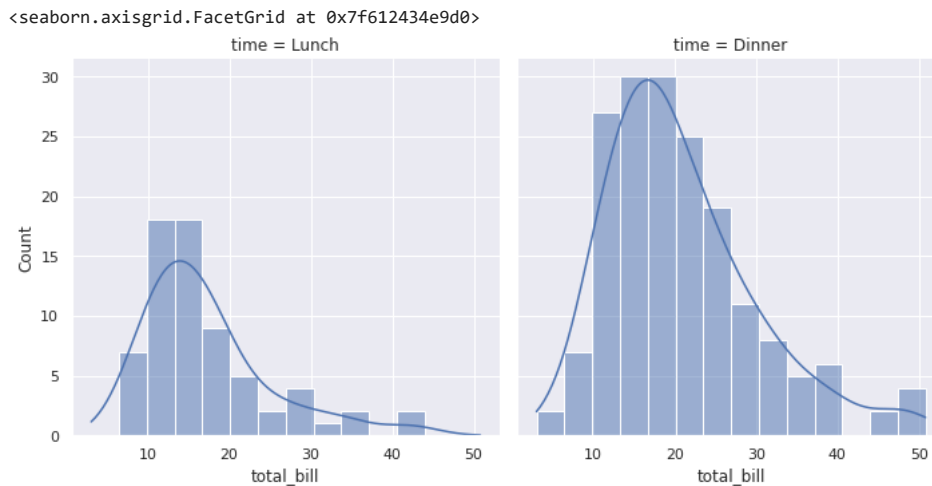
CODE & OUTPUT :

```
# Import seaborn
import seaborn as sns

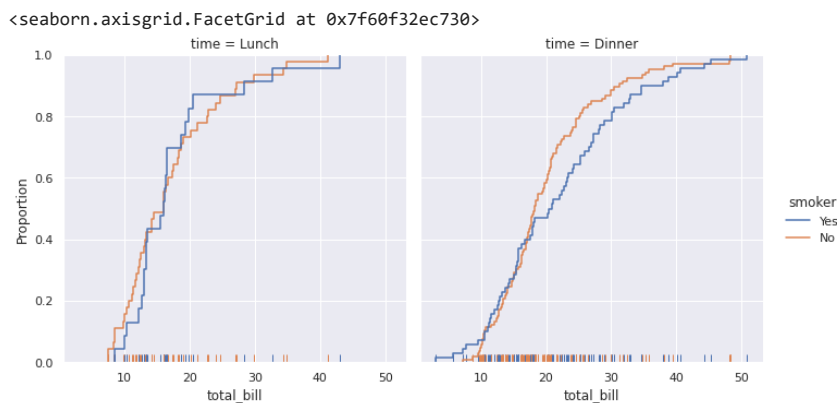
# Apply the default theme
sns.set_theme()

# Load an example dataset
tips = sns.load_dataset("tips")
```

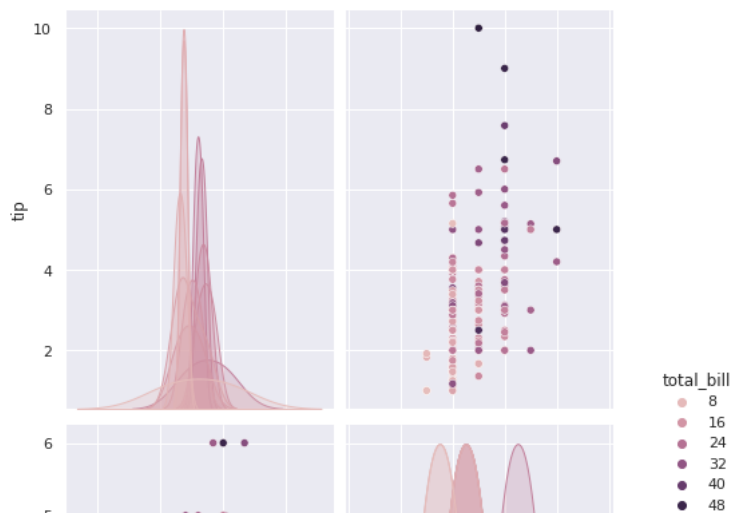
```
sns.displot(data=tips, x="total_bill", col="time", kde=True)
```



```
sns.displot(data=tips, kind="ecdf", x="total_bill", col="time", hue="smoker", rug=True)
```

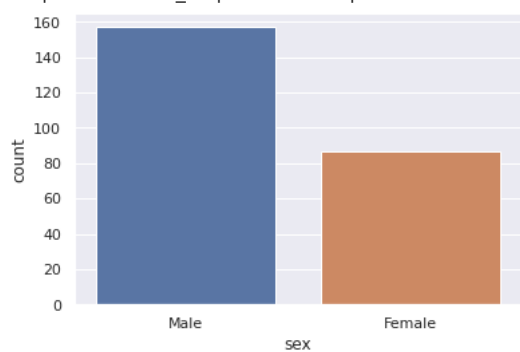


```
g = sns.pairplot(data=tips, hue="total_bill")
g.fig.set_size_inches(8,10)
```



```
sns.countplot(x='sex', data = tips)
```

<matplotlib.axes._subplots.AxesSubplot at 0x7f60ed4022e0>



```
sns.boxplot(x='day', y='total_bill', data=tips, hue='smoker')
```

<matplotlib.axes._subplots.AxesSubplot at 0x7f60ed0e88e0>

