Data Visualization

Step-1 Import labraries

```
import seaborn as sns
import matplotlib.pyplot as plt
```

Step-2 Load Dataset

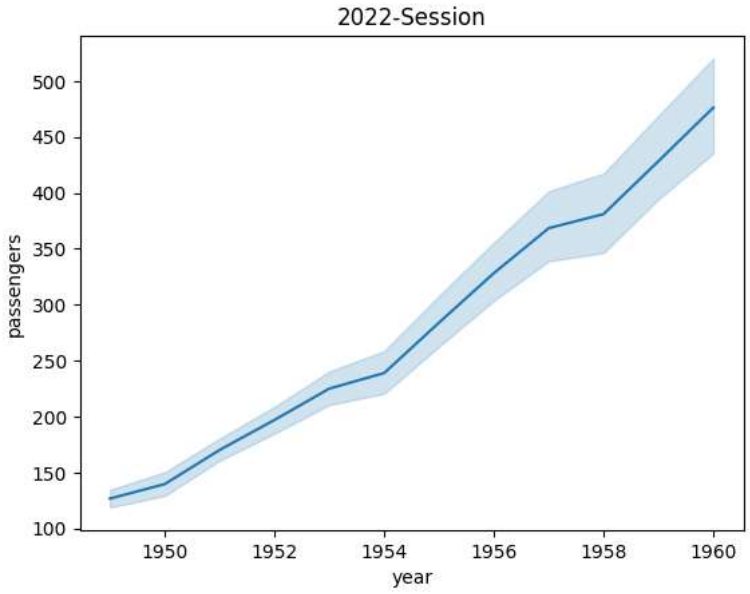
```
flights = sns.load_dataset("flights")
flights.head()
```

	year	month	passengers
0	1949	Jan	112
1	1949	Feb	118
2	1949	Mar	132
3	1949	Apr	129
4	1949	May	121

Step-3 Plot a graph

```
sns.lineplot(x="year",y="passengers", data=flights)
plt.title("2022-Session")
```

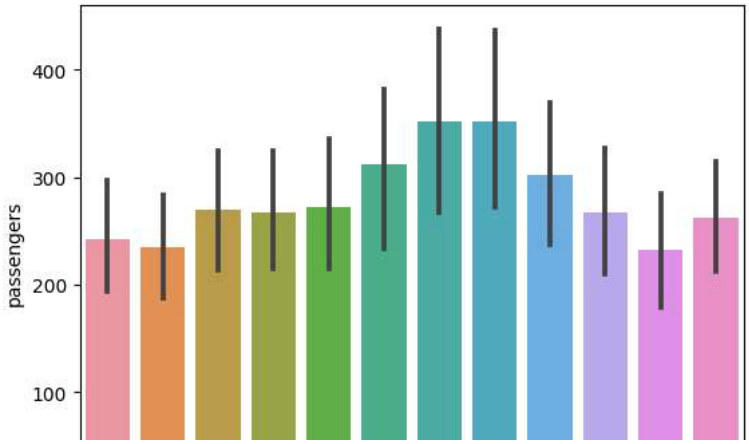
```
Text(0.5, 1.0, '2022-Session')
```



Bar plot

```
sns.barplot(x="month",y="passengers", data=flights)
```

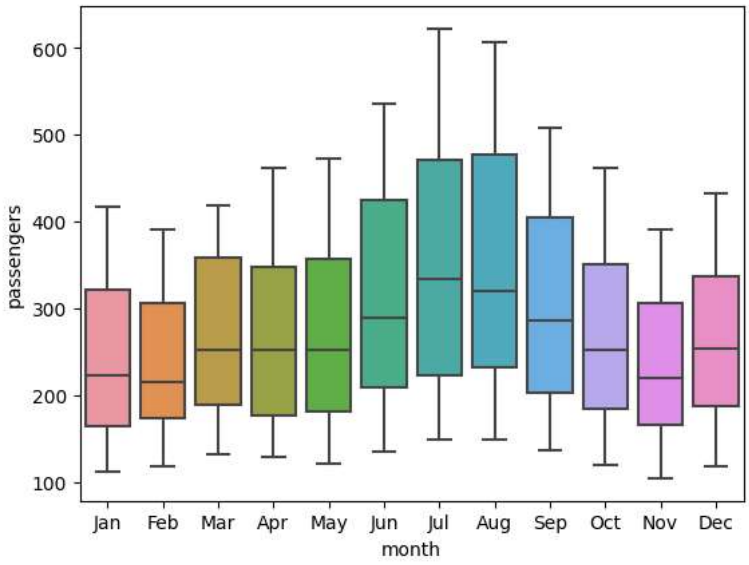
```
<Axes: xlabel='month', ylabel='passengers'>
```



Box Plot

```
sns.boxplot(x="month",y="passengers", data=flights)
```

```
<Axes: xlabel='month', ylabel='passengers'>
```



Scatter Plot

```
sns.scatterplot(x="passengers",y="year", data=flights)
```

```
<Axes: xlabel='passengers', ylabel='year'>
```

Cat plot

```
sns.catplot(x="month",y="passengers", data=flights,color="purple")
```

```
<seaborn.axisgrid.FacetGrid at 0x7f82666f9b40>
```