

# PRACTICAL NO : 09

## DATA VISUALIZATION 2

CODE :

```
import seaborn as sns
```

```
dataset=sns.load_dataset('titanic')
```

```
dataset.head()
```

```
sns.boxplot(x='sex',y='age',data=dataset)
```

```
sns.boxplot(x='sex',y='age',data=dataset,hue='survived')
```

OUTPUT :

```
In [2]: runfile('E:/DSBDA/dsbdapr9.py', wdir='E:/DSBDA')
```

```
In [3]: dataset.head()
```

```
Out[3]:
```

	survived	pclass	sex	age	...	deck	embark_town	alive	alone
0	0	3	male	22.0	...	NaN	Southampton	no	False
1	1	1	female	38.0	...	C	Cherbourg	yes	False
2	1	3	female	26.0	...	NaN	Southampton	yes	True
3	1	1	female	35.0	...	C	Southampton	yes	False
4	0	3	male	35.0	...	NaN	Southampton	no	True

```
[5 rows x 15 columns]
```

```
In [4]: sns.boxplot(x='sex',y='age',data=dataset)
```

```
Out[4]: <Axes: xlabel='sex', ylabel='age'>
```

### Important

Figures are displayed in the Plots pane by default. To make them also appear inline in the console, you need to uncheck "Mute inline plotting" under the options menu of Plots.

```
In [5]: sns.boxplot(x='sex',y='age',data=dataset,hue='survived')
```

```
Out[5]: <Axes: xlabel='sex', ylabel='age'>
```

```
In [6]:
```

IPython Console History



