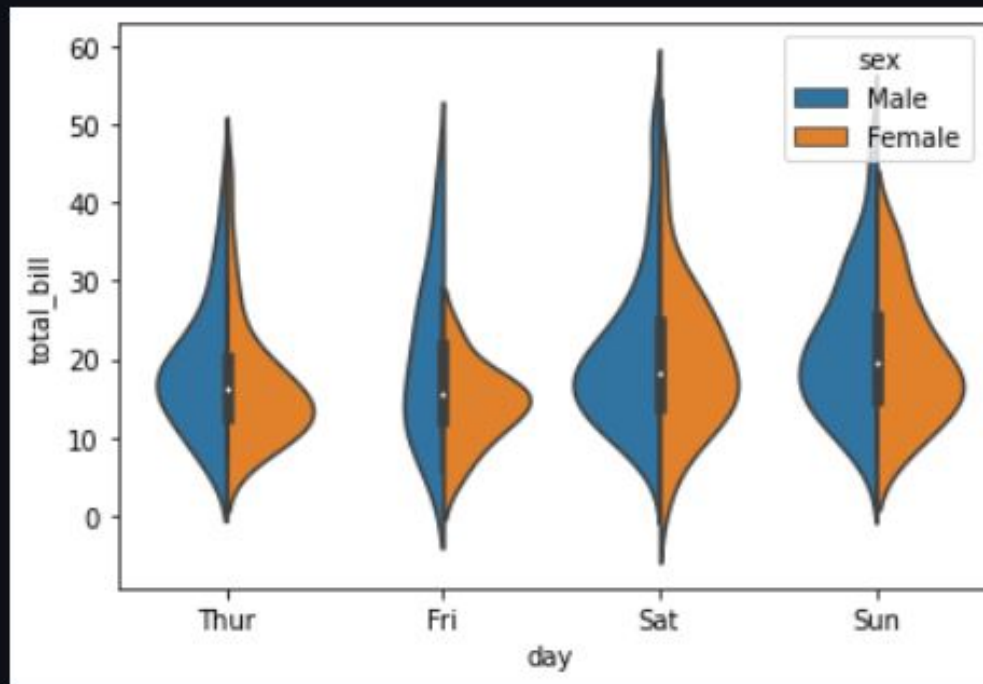


```
sns.violinplot(x='day',y='total_bill', data=tips, hue='sex', split=True)
```

[28] ✓ 0.5s

... <AxesSubplot:xlabel='day', ylabel='total_bill'>

</>

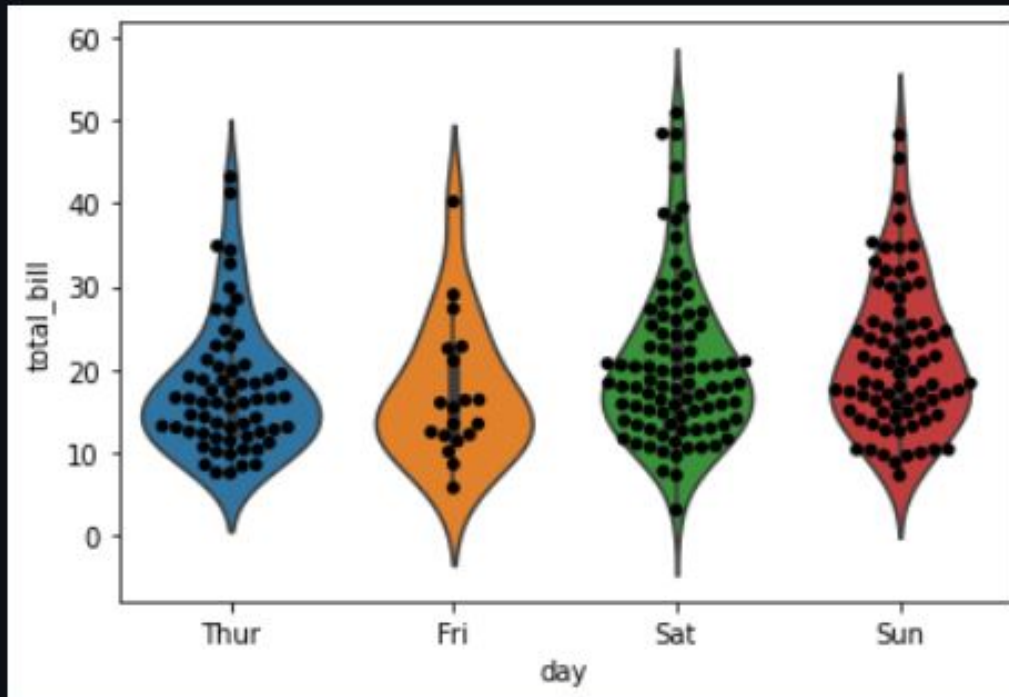


```
sns.violinplot(x='day', y='total_bill', data=tips)
sns.swarmplot(x='day', y='total_bill', data=tips, color='black')
```

[35] ✓ 0.5s

... <AxesSubplot:xlabel='day', ylabel='total_bill'>

</>

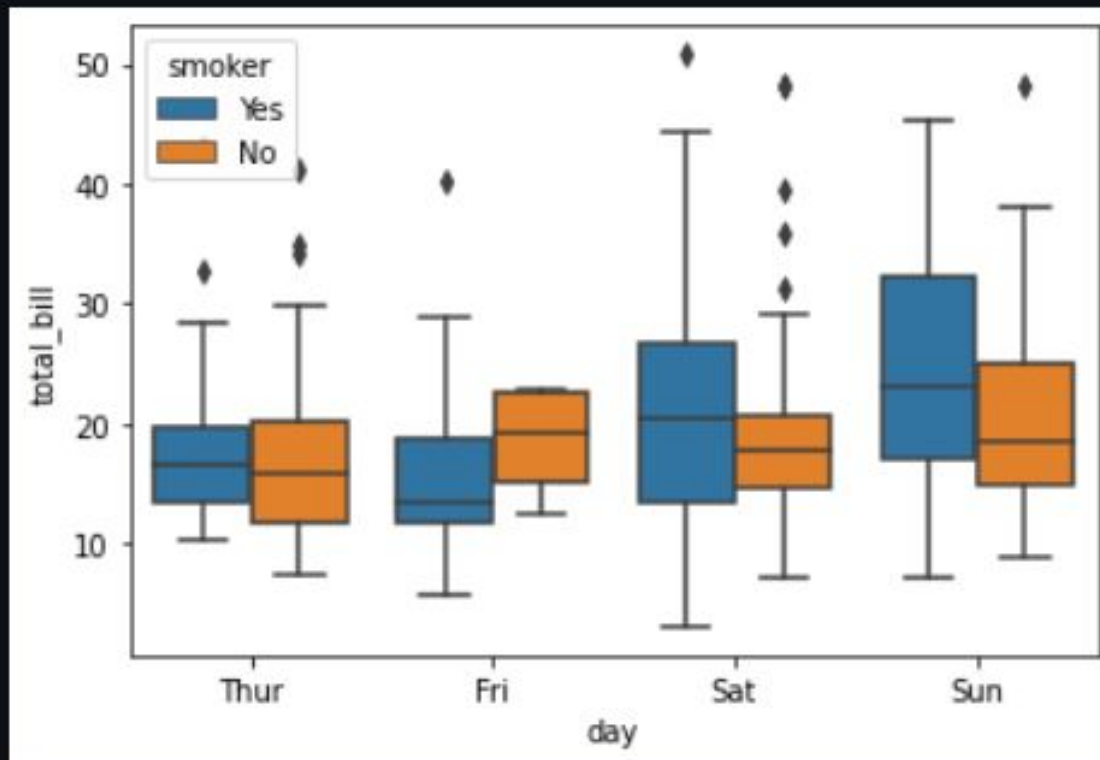


```
sns.boxplot(x='day',y='total_bill', data=tips, hue='smoker')
```

[15] ✓ 0.9s

... <AxesSubplot:xlabel='day', ylabel='total_bill'>

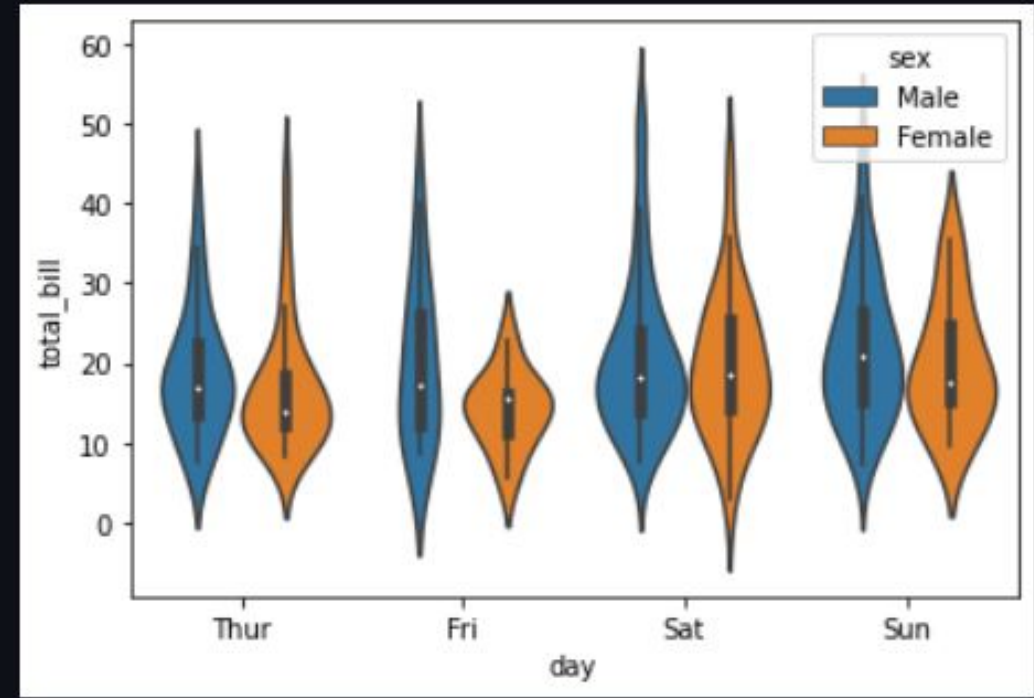
</>



✓ 0.5s

```
<AxesSubplot:xlabel='day', ylabel='total_bill'>
```

A violin plot showing the distribution of total bills by day of the week (Thur, Fri, Sat, Sun) and sex (Male, Female). The y-axis is labeled 'total_bill' and ranges from 0 to 60. The x-axis is labeled 'day'. The legend indicates that blue represents Male and orange represents Female. The plot shows that for each day, the distribution of bills is wider for males than for females, and the median bill is generally higher for males. The distributions for Saturday and Sunday are shifted towards higher bill amounts compared to Thursday and Friday.



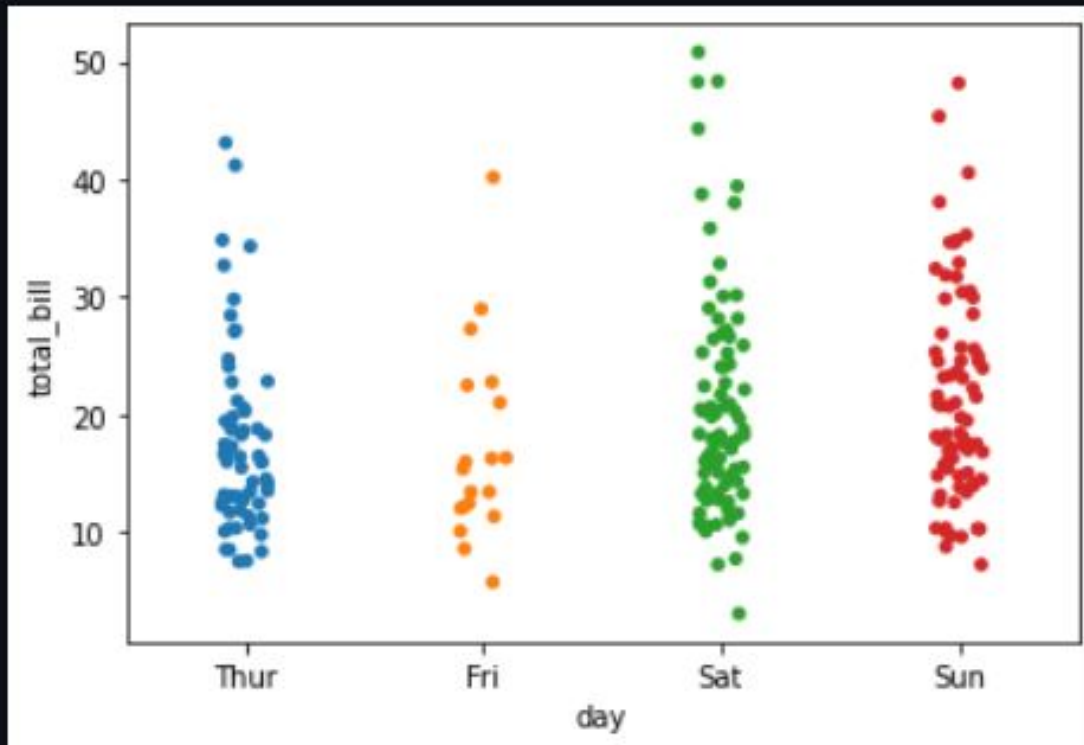
```
sns.stripplot(x='day', y='total_bill', data=tips)
```

[29]

✓ 0.2s

... <AxesSubplot:xlabel='day', ylabel='total_bill'>

</>



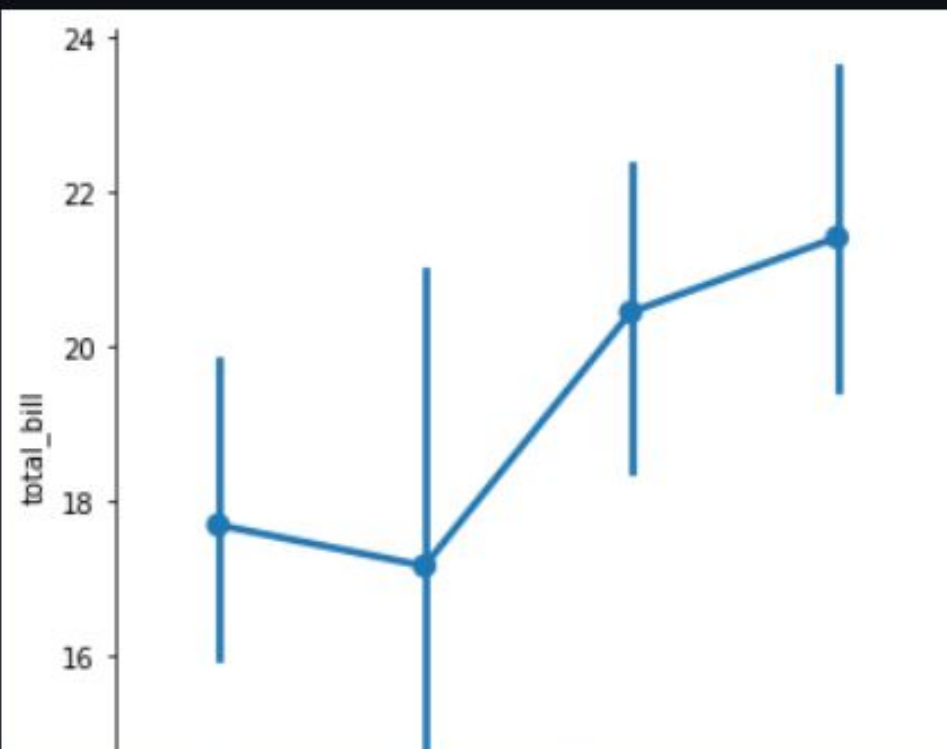
```
sns.factorplot(x='day', y='total_bill', data=tips)
```

[38] ✓ 0.7s

... C:\Users\hp\AppData\Roaming\Python\Python310\site-packages\seaborn\categorical.py:3717: UserWarning: `catplot` has been renamed to `catplot`. The original name will be removed in a future release. Please update `kind` in `factorplot` (`'point'`) has changed `'strip'` in `catplot`.
warnings.warn(msg)

<seaborn.axisgrid.FacetGrid at 0x22eeca050>

</>



```
▷ sns.factorplot(x='day', y='total_bill', data=tips, kind='bar')
```

[39] ✓ 0.5s

... C:\Users\hp\AppData\Roaming\Python\Python310\site-packages\seaborn\categorical.py:3717: UserWarning: The `factorplot` original name will be removed in a future release. Please update your code. Note that the default `kind` in `factorplot` is `catplot`.

```
warnings.warn(msg)
```

```
<seaborn.axisgrid.FacetGrid at 0x22eec63ab90>
```

