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

data = {'var': [10,20,30,40,50,60],
             'var2': [8,4,10,8,10,22]}

df = pd.DataFrame(data)
```

```
df
```

	var	var2
0	10	8
1	20	4
2	30	10
3	40	8
4	50	10
5	60	22

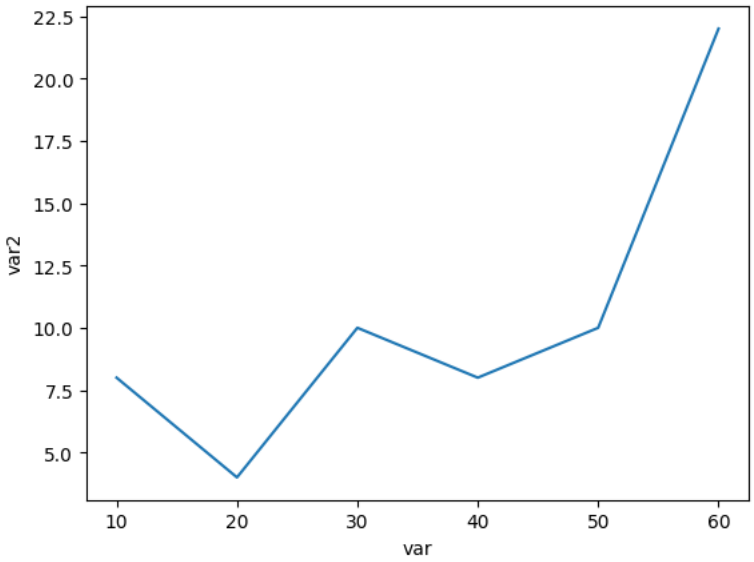
```
type(df)
```

```
pandas.core.frame.DataFrame
```

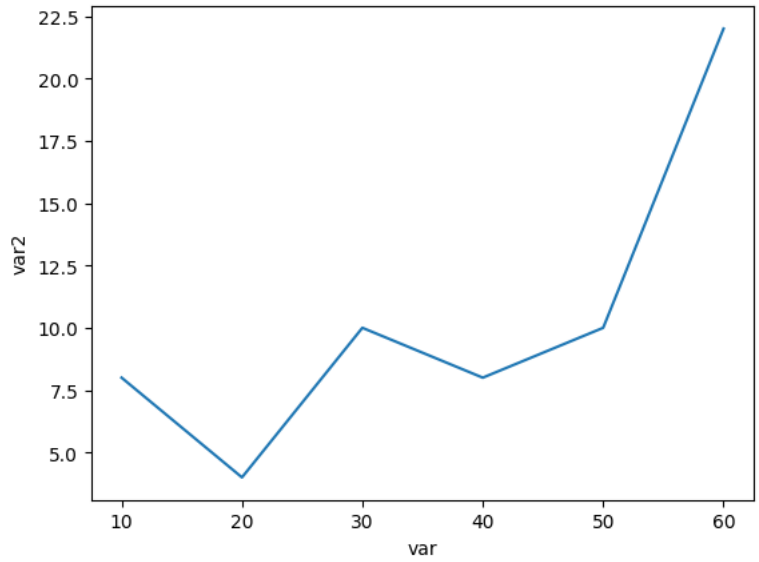
```
df = pd.DataFrame(data)
```

```
sns.lineplot(x = 'var', y = 'var2', data = df)
```

```
<Axes: xlabel='var', ylabel='var2'>
```



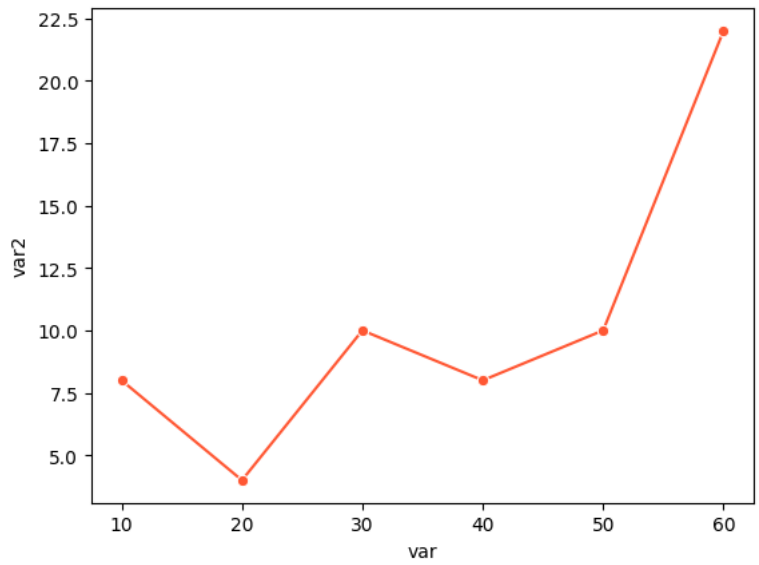

```
sns.lineplot(x = 'var', y = 'var2', data = df)
plt.show()
```



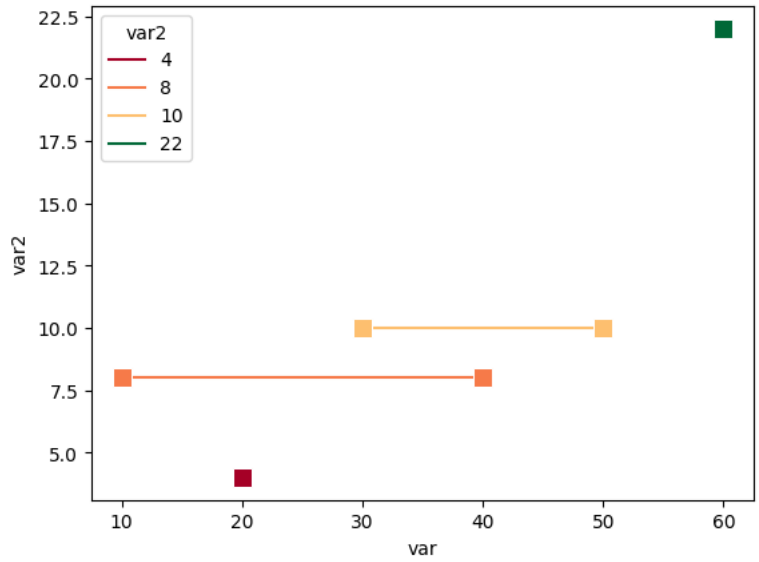

```
df
```

	var	var2
0	10	8
1	20	4
2	30	10
3	40	8
4	50	10
5	60	22

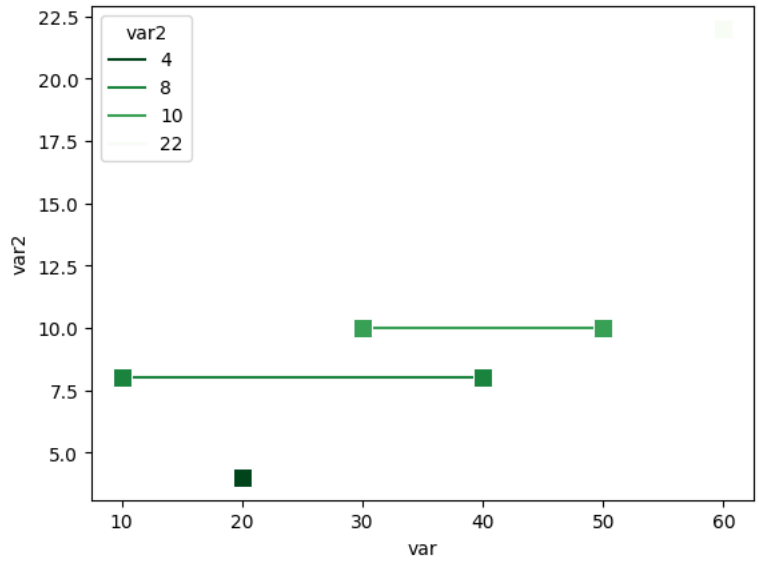
```
sns.lineplot(x = 'var', y = 'var2', data = df, marker = '.', linestyle = '-',  color = '#FF5733', markersize = '12')
plt.show()
```



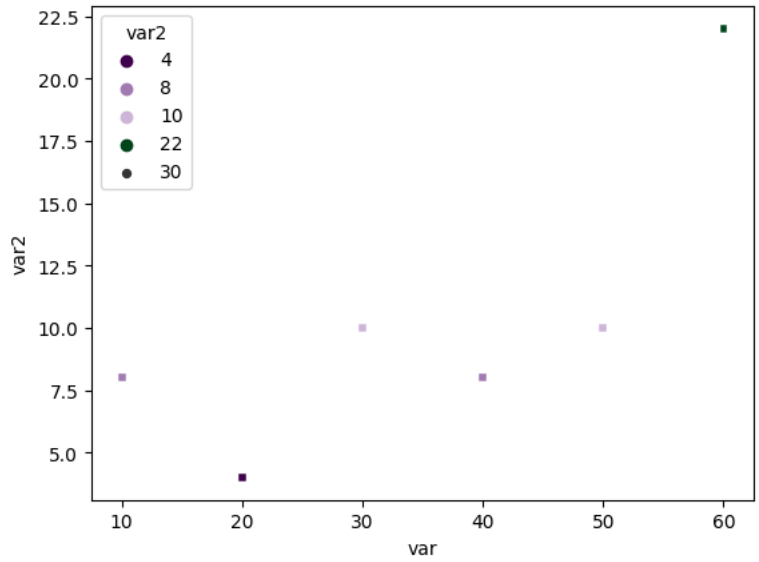

```
sns.lineplot(x = 'var', y = 'var2', data = df, marker = 's', linestyle = '-',  color = 'g', markersize = '10', hue = 'var2', palette =

plt.show()
```



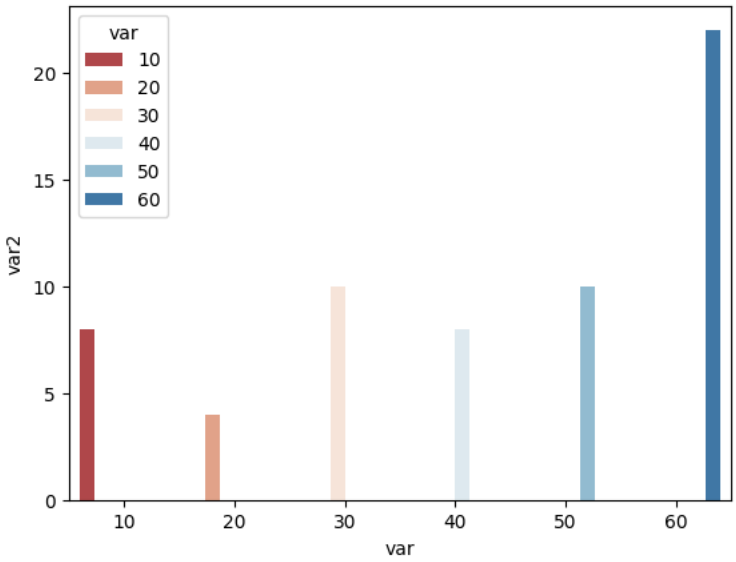

```
sns.lineplot(x = 'var', y = 'var2', data = df, marker = 's', linestyle = '-',  color = 'g', markersize = '10', hue = 'var2', palette = 'G

plt.show()
```



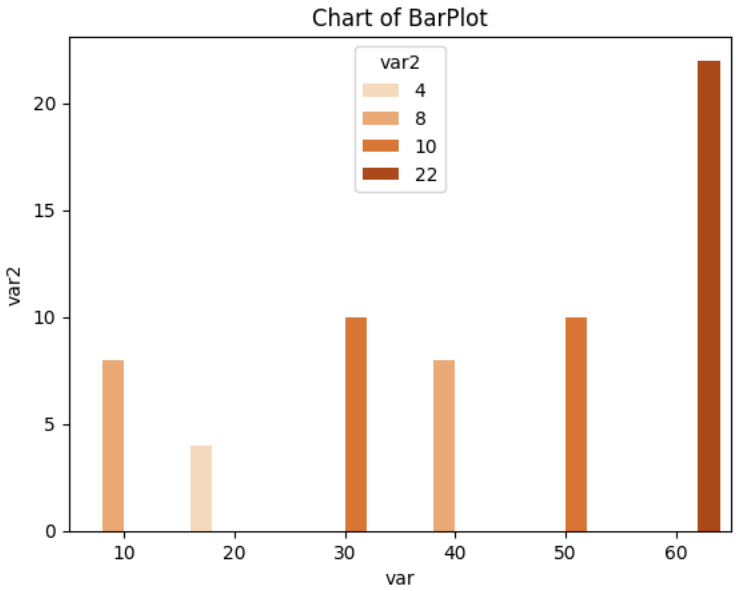

```
sns.scatterplot(x = 'var', y = 'var2', data = df,marker = 's', linestyle = '-',  color = 'g', hue = 'var2', palette = 'PRGn', size = 30)
plt.show()
```



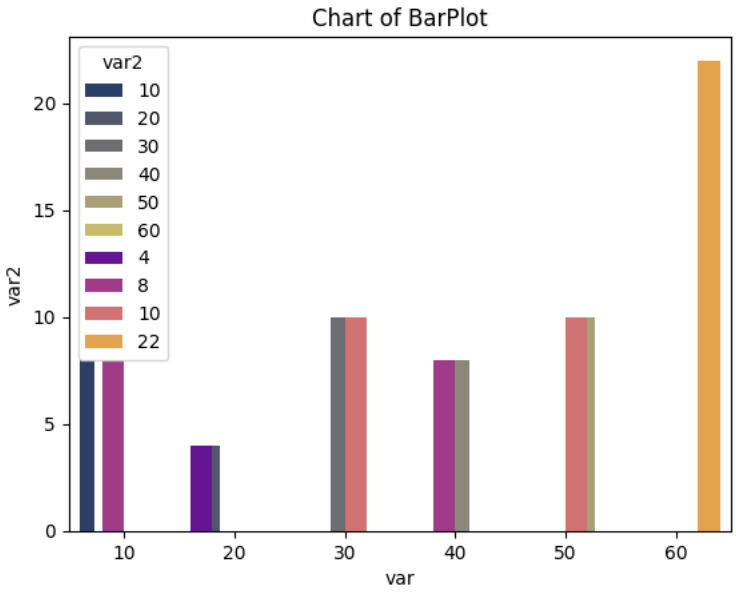
```
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var', palette = 'RdBu')
plt.show()
```



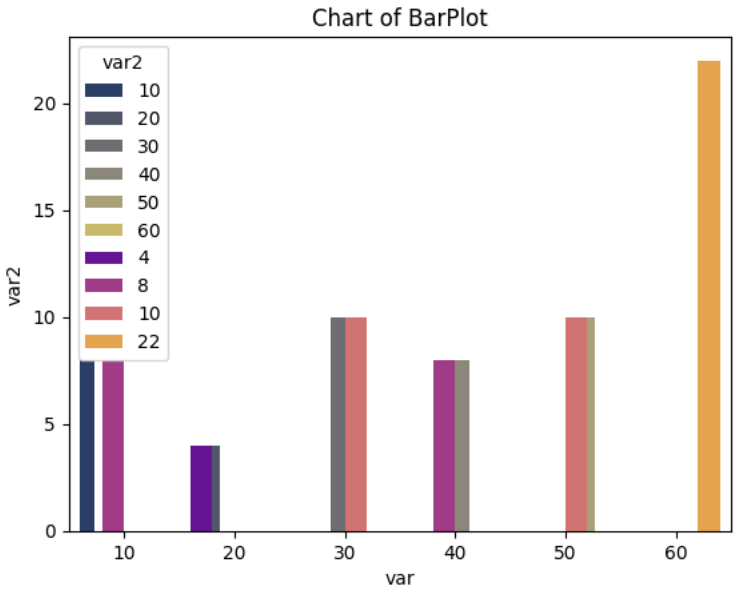

```
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var2', palette = 'Oranges')
plt.title ('Chart of BarPlot')
plt.show()
```




```
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var', palette = 'cividis')
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var2', palette = 'plasma')
plt.title ('Chart of BarPlot')
plt.show()
```

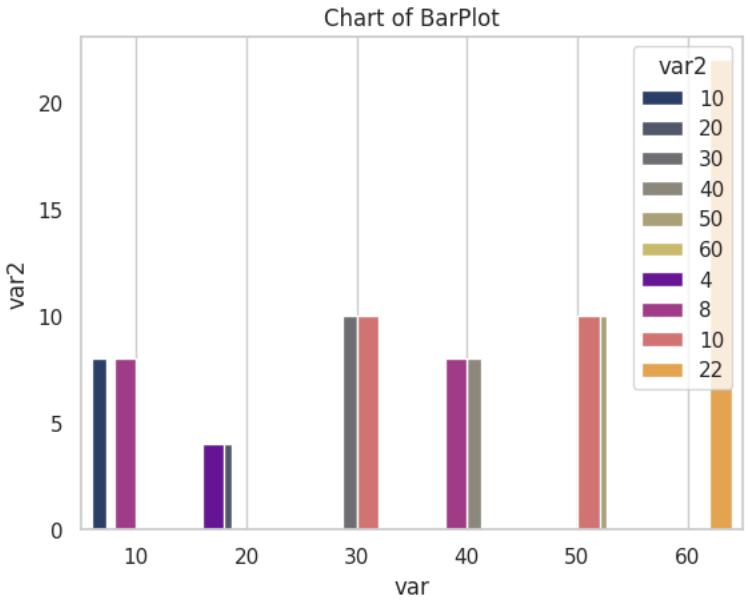



```
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var', palette = 'cividis')
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var2', palette = 'plasma')
plt.title ('Chart of BarPlot')
plt.show()
```

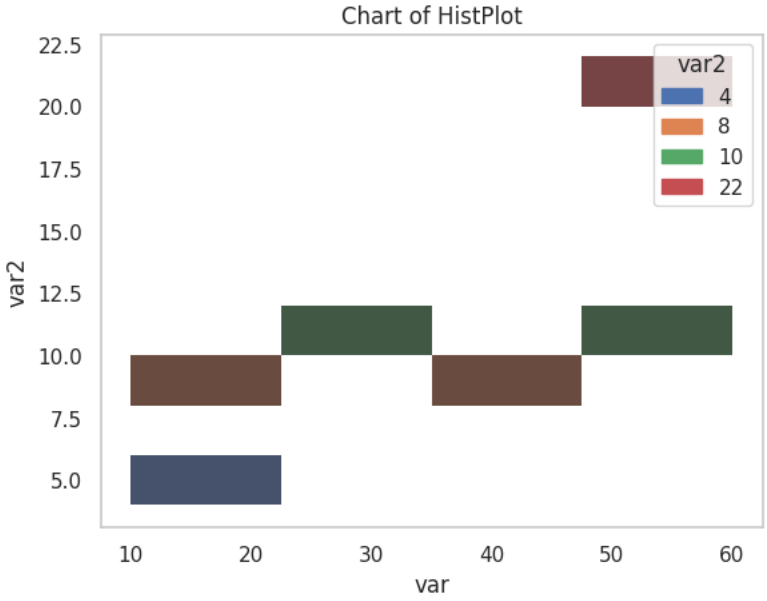



```
sns.set(style= 'whitegrid')
```

```
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var', palette = 'cividis')
sns.barplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var2', palette = 'plasma')
plt.title ('Chart of BarPlot')
plt.grid()
plt.show()
```

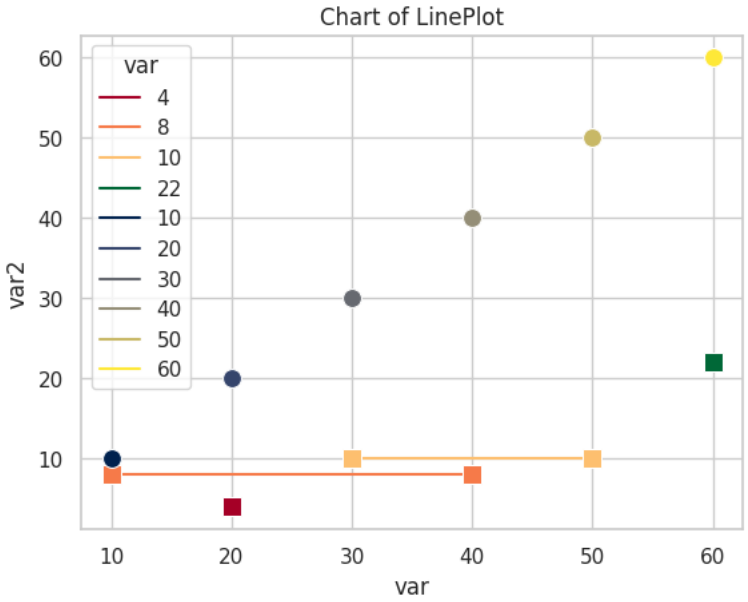



```
sns.histplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var', palette = 'cividis')
sns.histplot(x = 'var', y = 'var2', data = df, linestyle = '--',  color = 'g', hue = 'var2', palette = 'deep')
plt.title ('Chart of HistPlot')
plt.grid(False)
plt.show()
```




```
sns.violinplot(x = 'var', y = 'var2', data = df, linestyle = '-',  color = 'g', hue = 'var', palette = 'cividis')
sns.violinplot(x = 'var', y = 'var2', data = df, linestyle = '--',  color = 'g', hue = 'var2', palette = 'deep')
plt.title ('Chart of ViolinPlot')
plt.grid(False)
plt.show()
```


```
sns.lineplot(x = 'var', y = 'var2', data = df, marker = 's', linestyle = '-',  color = 'g', markersize = '10', hue = 'var2', palette = 'R
sns.lineplot(x = 'var', y = 'var', data = df, marker = 'o', linestyle = '-',  color = 'b', markersize = '10', hue = 'var', palette = 'civ
plt.title ('Chart of LinePlot')
plt.show()
```




```
var3 = sns.barplot(x='var', y='var2', data=df)
```