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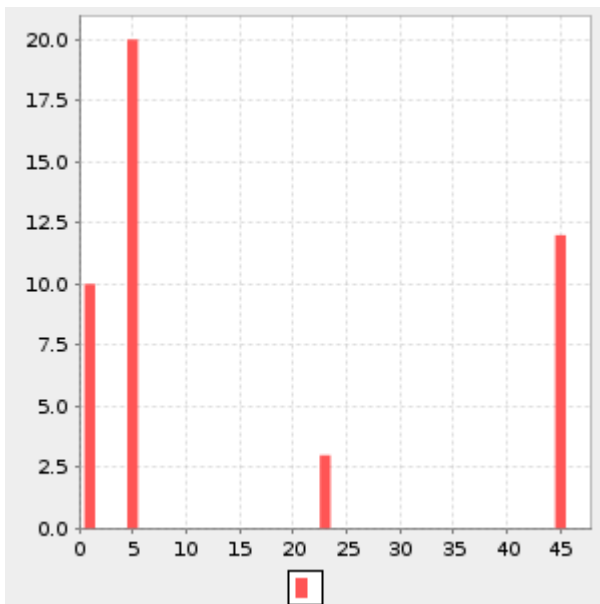
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# Plot Recipes

## Creating Bar Charts

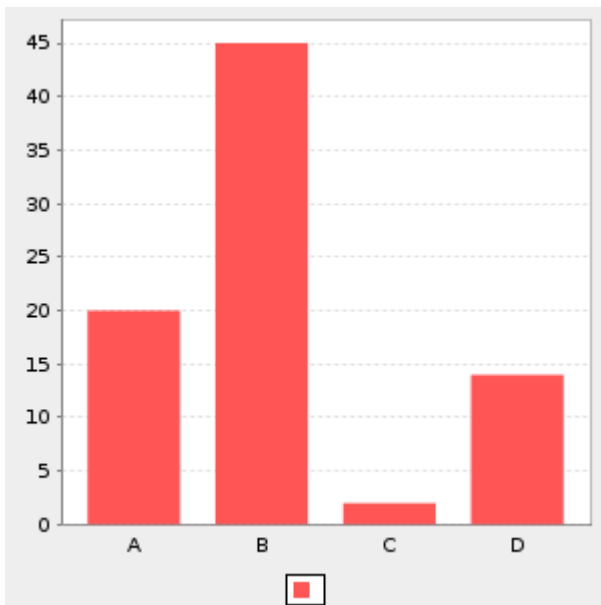
*Create a basic bar chart*

```
List data = [  
  [1,10],[45,12],[23,3],[5,20]  
]  
Chart chart = Bar.xy(data)
```



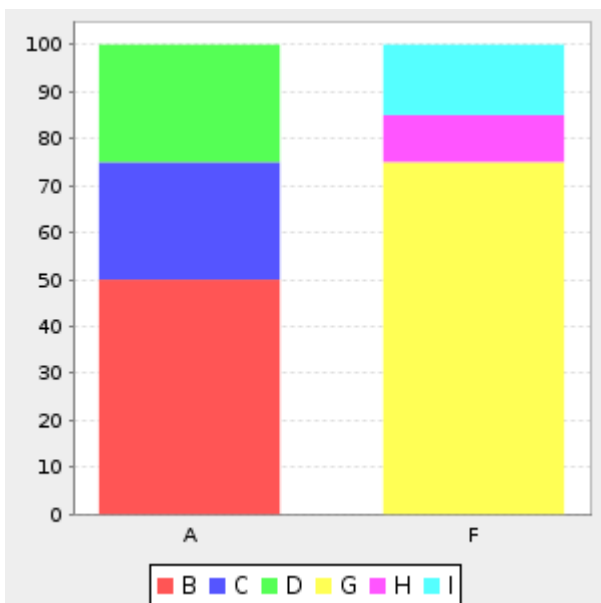
*Create a bar chart with categories*

```
Map data = [  
  "A":20,"B":45,"C":2,"D":14  
]  
Chart chart = Bar.category(data)
```



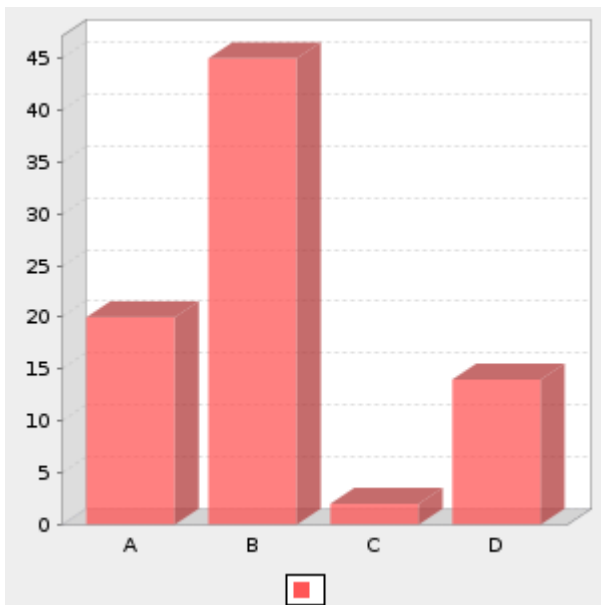
Create a stacked bar chart with two series of data

```
Map data = [
  "A": ["B":50,"C":25,"D":25],
  "F": ["G":75,"H":10,"I":15]
]
Chart chart = Bar.category(data, stacked: true)
```



Create a 3D bar chart with categories

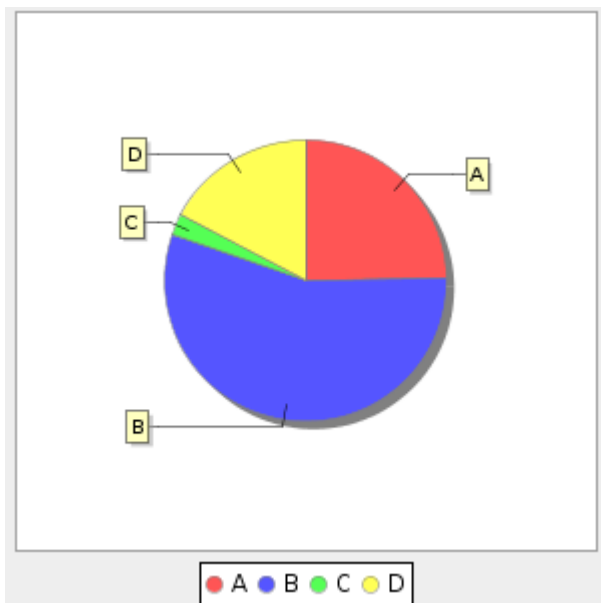
```
Map data = [
  "A":20,"B":45,"C":2,"D":14
]
Chart chart = Bar.category(data, trid: true)
```



## Creating Pie Charts

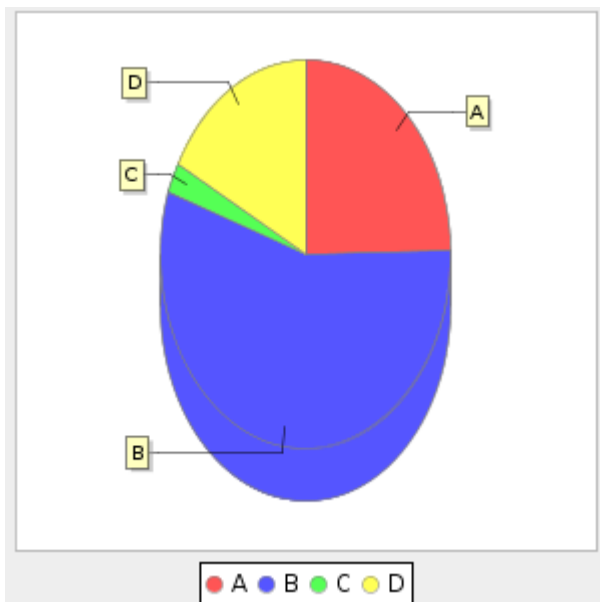
*Create a pie chart*

```
Map data = [  
  "A":20,"B":45,"C":2,"D":14  
]  
Chart chart = Pie.pie(data)
```



*Create a 3D pie chart*

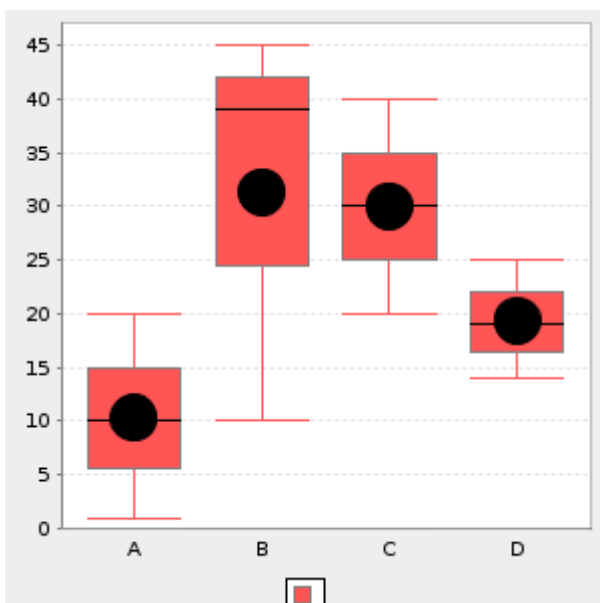
```
Map data = [  
  "A":20,"B":45,"C":2,"D":14  
]  
Chart chart = Pie.pie(data, trid: true)
```



## Creating Box Charts

Create a box chart

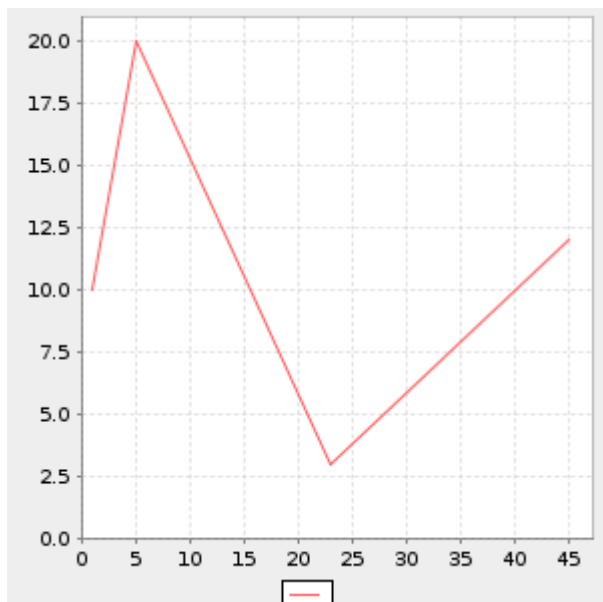
```
Map data = [
  "A": [1, 10, 20],
  "B": [45, 39, 10],
  "C": [40, 30, 20],
  "D": [14, 25, 19]
]
Chart chart = Box.box(data)
```



## Creating Curve Charts

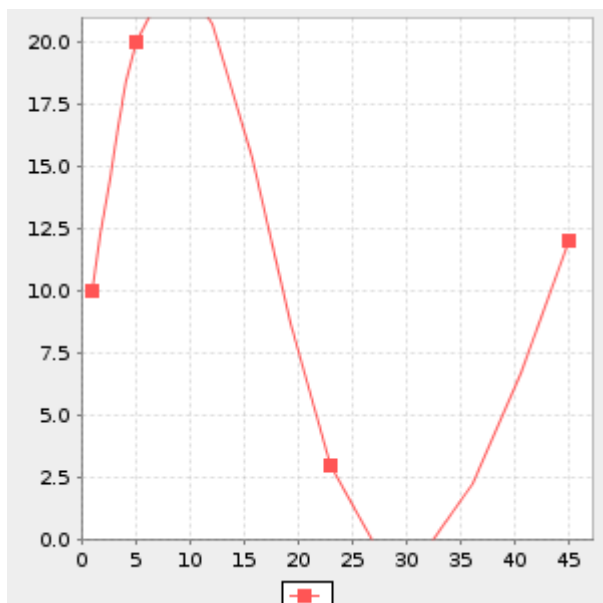
### Create a curve chart

```
List data = [  
    [1,10],[45,12],[23,3],[5,20]  
]  
Chart chart = Curve.curve(data)
```



### Create a smooth curve chart

```
List data = [  
    [1,10],[45,12],[23,3],[5,20]  
]  
Chart chart = Curve.curve(data, smooth: true)
```



### Create a 3D curve chart

```
List data = [  
    [1,10],[45,12],[23,3],[5,20]  
]  
Chart chart = Curve.curve(data, trid: true)
```

