



??????.png



- 

```
[{
  x: 'A',
  low: 20000,
  q1: 26000,
  median: 27000,
  q3: 32000,
  high: 38000,
  outliers: [50000, 52000]
}, {
  x: 'B',
  low: 40000,
  q1: 49000,
  median: 62000,
  q3: 73000,
  high: 88000,
  outliers: [32000, 29000, 106000]
}, {
  x: 'C',
  low: 52000,
  q1: 59000,
  median: 65000,
  q3: 74000,
```

```
high: 83000,  
outliers: [91000]  
}, {  
  x: 'D',  
  low: 58000,  
  q1: 96000,  
  median: 130000,  
  q3: 170000,  
  high: 200000,  
  outliers: [42000, 210000, 215000]  
}, {  
  x: 'E',  
  low: 24000,  
  q1: 28000,  
  median: 32000,  
  q3: 38000,  
  high: 42000,  
  outliers: [48000]  
}, {  
  x: 'F',  
  low: 47000,  
  q1: 56000,  
  median: 69000,  
  q3: 85000,  
  high: 100000,  
  outliers: [110000, 115000, 32000]  
}, {  
  x: 'G',  
  low: 64000,  
  q1: 74000,  
  median: 83000,  
  q3: 93000,  
  high: 100000,  
  outliers: [110000]  
}, {  
  x: 'H',  
  low: 67000,  
  q1: 72000,  
  median: 84000,  
  q3: 95000,
```

```
high: 110000,  
outliers: [57000, 54000]  
}]
```

- 

40, 40, 60, 60

- **?????? Transform**

????? map ?

??	???
??	????
????	<div>function callback(obj) {   obj.range = [obj.low, obj.q1, obj.median, obj.q3,   obj.high];   return obj;} </div>

-  **Scale**

range? Y? ?

??	???
??	range
??	linear
??????	??
???	0
???	250000

outliers? Y? ?

??	???
----	-----

??	outliers
??	linear
??????	??
???	0
???	250000

• ??? Axis

outliers? Y? ?

??	???
??	??
??	outliers

•  Geom

K??? schema ?

??	???
??	x*range
??	K??
??	box

??? point ?

??	???
??	x*outliers
??	??
??	circle
??	3