

?????? K ??????????????????????????????????????

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



???????????????????????????????? K ??? K ??? K ?????????? K ??????????????????????



?????.png



- - AntV

<https://g2.antv.vision/zh/examples/data/candle-sticks.json>

□ AntV □

□ :  
[ {

time: "2015-11-19",

start: 8.18,

max: 8.33,

min: 7.98,

end: 8.32,

volumn: 1810,

money: 14723.56,

}, {

time: "2015-11-18",

start: 8.37,

max: 8.6,

min: 8.03,

end: 8.09,

volumn: 2790.37,

money: 23309.19,

},

.....

]

- 

40,30,80,40

- ?????? Transform

????? map ?

??	??
????	<pre>function callback(obj) {   obj.trend = obj.start &lt;= obj.end ? 'up' : 'down';   obj.range = [obj.start, obj.end, obj.max, obj.min];   return obj;}</pre>

-  Scale

time[] X[]

??	???
??	time
??	timeCat
????	10
??????	??
????	MM-DD

volumen? Y? ?

??	???
??	volumen
??	linear
??????	??
???	0
???	30000

range? Y? ?

??	???
??	range
??	linear
????	2
??????	??
???	0
???	18

- ??? Axis

time? X? ?

??	???
??	time
??	??

volumn? Y? ?

??	???
??	volumn
??	??

- ☐ Geom

K??? schema ?

??	???
??	time*range
??	K??
????	trend

??

```
function(val) {  
    return (val == 'up')? '#f04864':'#2fc25b';  
}
```

??

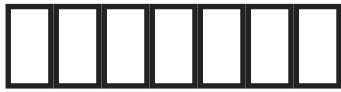
candle

???? interval ?

??	???
??	time*volume
??	???
????	trend
??	<pre>function(val) {     return (val == 'up')? '#f04864':'#2fc25b'; }</pre>

-  Legend

??	???
??	??
??	range
??	?
??	??
?????	15



---

???????.png



- - AntV

<https://g2.antv.vision/zh/examples/data/stock-03.json>

AntV

```
[[{"date": 1186444800000, "range": [22.258032033902, 25.4889359321959], "start": 22.75, "end": 23.44, "lowest": 22.69, "highest": 23.7, "mean": 23.335, "trend": "up"}, {"date": 1186358400000, "range": [22.2381666799343, 25.3786666401314], "start": 23.03, "end": 22.97, "lowest": 22.44, "highest": 23.15, "mean": 23.285, "trend": "down"}]]
```

```
},  
.....  
]
```

- 

```
40, 40, 80, 60
```

- ?????? Transform

????? map ?

??	???
??	????
????	<pre>function callback(obj) {   obj.stockRange = [obj.start, obj.end, obj.highest,   obj.lowest];   return obj; }</pre>

-  Scale

date[] X[]

??	???
??	date
??	time
????	10
??????	??
????	MM-DD

range? Y? ?

??	???
??	range
??	linear
????	2

??????	??
???	20
???	35

mean? Y? ?

??	??
??	mean
??	linear
??????	??
???	20
???	35

stockRange? Y? ?

??	??
??	stockRange
??	linear
??????	??
???	20
???	35

- ??? Axis

mean? Y? ?

??	??
??	mean
??	??

stockRange? Y? ?

??	??
??	stockRange
??	??

-  Geom

## K??? schema ?

??	??
??	date*stockRange
??	K??
??	<pre>function(obj){   return (obj == 'up')? '#f04864' : '#2fc25b'; }</pre>
??	candle

## ???? area ?

??	??
??	date*range
??	???
??	#64b5f6

## ??? line ?

??	??
??	date*mean
??	??
??	#FACC14

## • □□ Legend

??	??
??	??
??	trend
??	?
??	??