

???

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

- [???](#)
- [???????](#)

???

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

???

?????.png

???

. ??? - [AntV](#)

```
https://g2.antv.vision/zh/examples/data/candle-sticks.json
import { AntV } from 'antv'
const {
  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 <= 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

column? Y? ?

??	???
??	column
??	linear
??????	??
???	0
???	30000

range? Y? ?

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

• ??? Axis

time? X? ?

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

column? Y? ?

??	???
??	column
??	??

• ? Geom

K??? schema ?

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

??	candle
----	--------

???? interval ?

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

• ?? Legend

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

???????

???

??????.png

???

. ??? - [AntV](#)

```
https://g2.antv.vision/zh/examples/data/stock-03.json
  股票行情AntV 图

  数据
  [{
    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",
  },
  .....
}
```

1

• ??

40, 40, 80, 60

• ?????? Transform

????? map ?

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

• ??? 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??
??	<div> function(obj){ return (obj == 'up')? '#04864' : '#2fc25b'; } </div>
??	candle

???? area ?

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

??? line ?

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

. ?? Legend

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