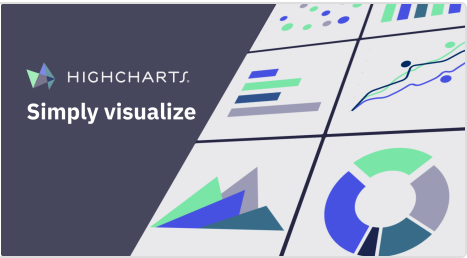# chart

Homepage

Javascript library to create interactive charts for web and mobile projects. Build data visualization with Angular, React, Python, R, .Net, PHP, Java, iOS, and Android.

https://www.highcharts.com/?__cf_chl_tk=iWR3Leo4p3BbFnaB KBxXU5jKFDzSy1B5y2Hso.mkxgU-1684276525-0-gaNycGzNC6U

Highcharts demos | Highcharts.com

Highcharts Demo: Highcharts

https://www.highcharts.com/demo

Get Started - Handbook - Apache ECharts

https://echarts.apache.org/handbook/en/get-started/

Example

```
{% extends 'layout.html' %}
{% load static %}

{% block content %}
    <div class="container">
        <div class="panel panel-default">
            <div class="panel-heading">Line chart</div>
            <div class="panel-body">
                Panel content
            </div>
        </div>
        <div class="row">
            <div class="col-sm-8">
                <div class="panel panel-default">
                    <div class="panel-heading">histogram</div>
                    <div class="panel-body">
                        <div id="m2" style="width: 600px; height: 400px"></div>
                    </div>
                </div>
            </div>
            <div class="col-sm-4">
                <div class="panel panel-default">
                    <div class="panel-heading">Pie chart</div>
                    <div class="panel-body">
                        Panel content
                    </div>
                </div>
            </div>

        </div>

    </div>
{% endblock %}

{% block js %}
    <script src="{% static "js/echarts.min.js" %}"></script>
    <script type="text/javascript">

        // Create the echarts instance
        var myChart = echarts.init(document.getElementById('m2'));
```
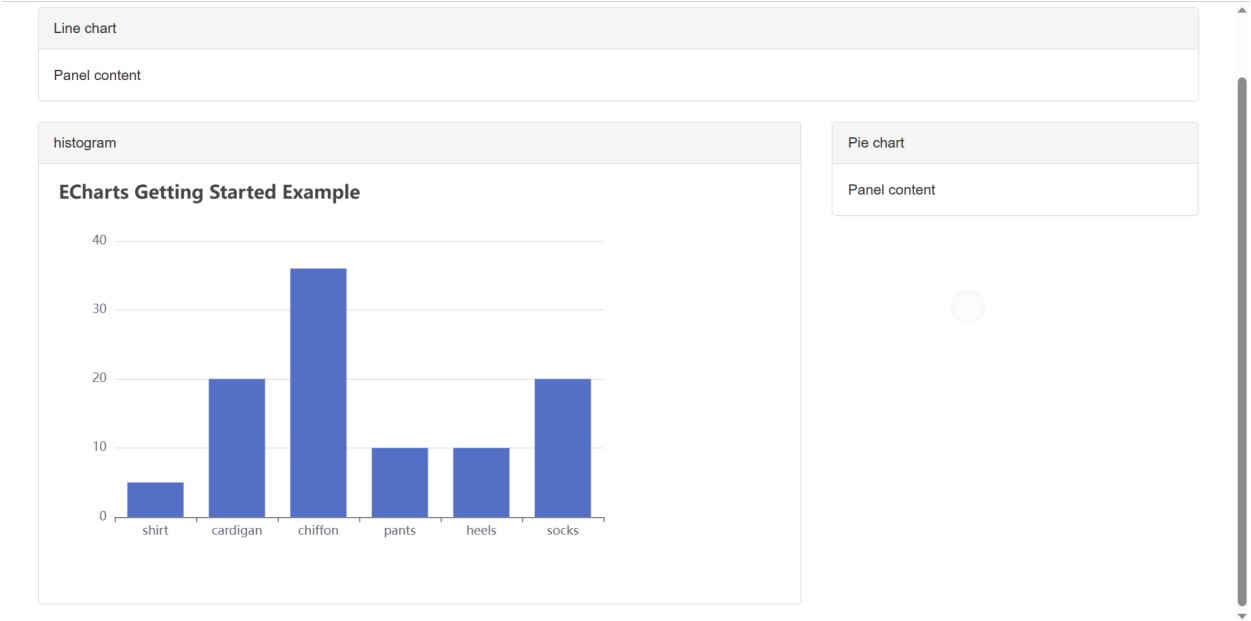
chart   1

```
        // Draw the chart
        myChart.setOption({
            title: {
                text: 'ECharts Getting Started Example'
            },
            tooltip: {},
            xAxis: {
                data: ['shirt', 'cardigan', 'chiffon', 'pants', 'heels', 'socks']
            },
            yAxis: {},
            series: [
                {
                    name: 'sales',
                    type: 'bar',
                    data: [5, 20, 36, 10, 10, 20]
                }
            ]
        });
    </script>
{% endblock %}
```

Line chart

Panel content

histogram

ECharts Getting Started Example

Pie chart

Panel content
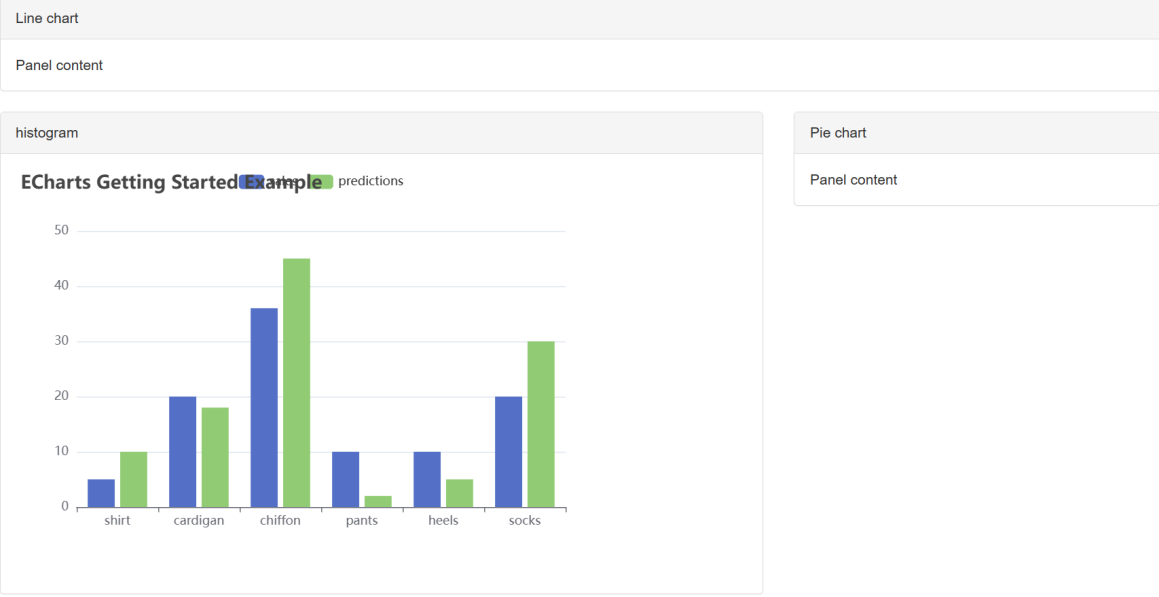
add series & legend

```
<script type="text/javascript">
        // Create the echarts instance
        var myChart2 = echarts.init(document.getElementById('m2'));

        // Draw the chart
        myChart2.setOption({
            title: {
                text: 'ECharts Getting Started Example'
            },
            tooltip: {},
            legend:{
                data: ['sales', 'predictions']
            },
            xAxis: {
                data: ['shirt', 'cardigan', 'chiffon', 'pants', 'heels', 'socks']
            },
            yAxis: {},
            series: [
                {
                    name: 'sales',
                    type: 'bar',
                    data: [5, 20, 36, 10, 10, 20]
                },
```

chart 2

```
            {
                name: 'predictions',
                type: 'bar',
                data: [10, 18, 45, 2, 5, 30]
            }
        ]
    });
</script>
```

Line chart

Panel content

histogram

ECharts Getting Started Example predictions

Pie chart

Panel content

legend

```
legend:{
            data: ['sales', 'predictions'],
            bottom: 0
        },
```

histogram

ECharts Getting Started Example

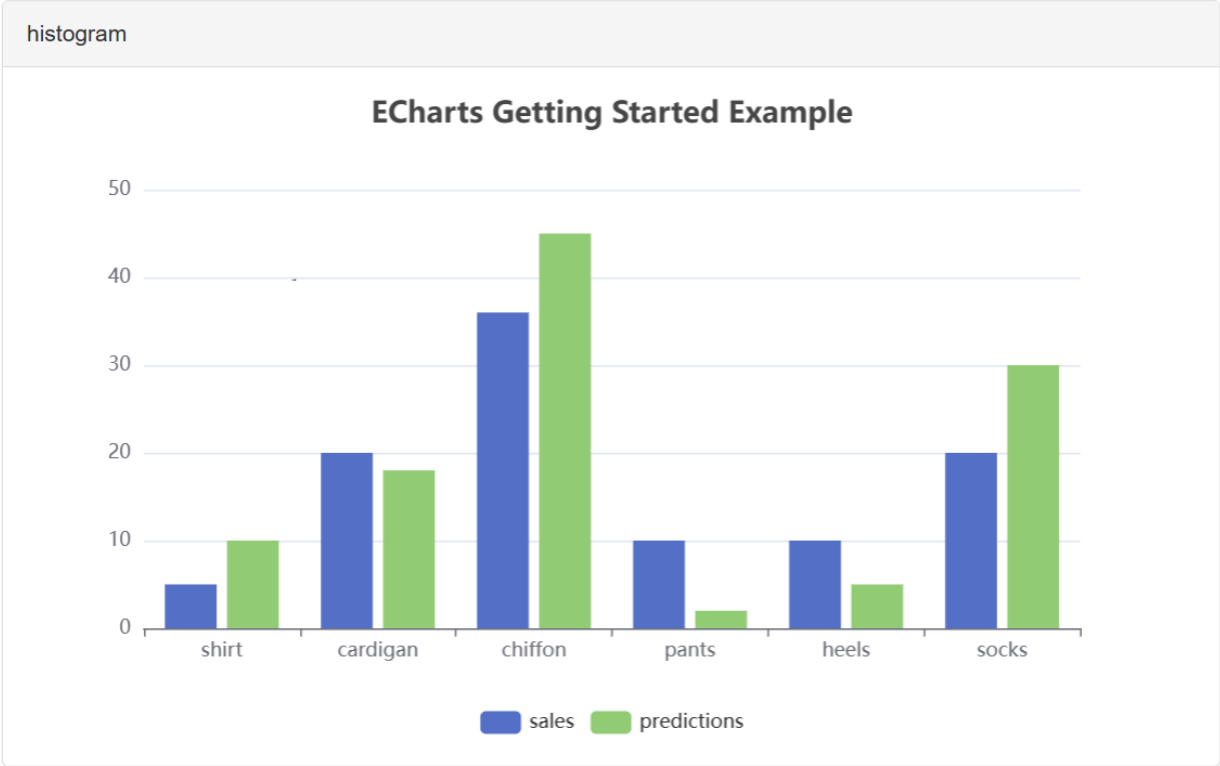## title

chart   3

```
title: {
            text: 'ECharts Getting Started Example',
            textAlign: 'auto',
            left: "center"
        },
```

histogram

Pie Chart

```
function initPie() {
        // Create the echarts instance
        var myChart = echarts.init(document.getElementById('m3'));

        var option = {
            title: {
                text: 'Referer of a Website',
                subtext: 'Fake Data',
                left: 'center'
            },
            tooltip: {
                trigger: 'item'
            },
            legend: {
                'bottom': 0
            },
            series: [
                {
                    name: 'Access From',
                    type: 'pie',
                    radius: '50%',
                    data: [
                        {value: 1048, name: 'Search Engine'},
                        {value: 735, name: 'Direct'},
                        {value: 580, name: 'Email'},
                        {value: 484, name: 'Union Ads'},
                        {value: 300, name: 'Video Ads'}
                    ],
                    emphasis: {
                        itemStyle: {
                            shadowBlur: 10,
```
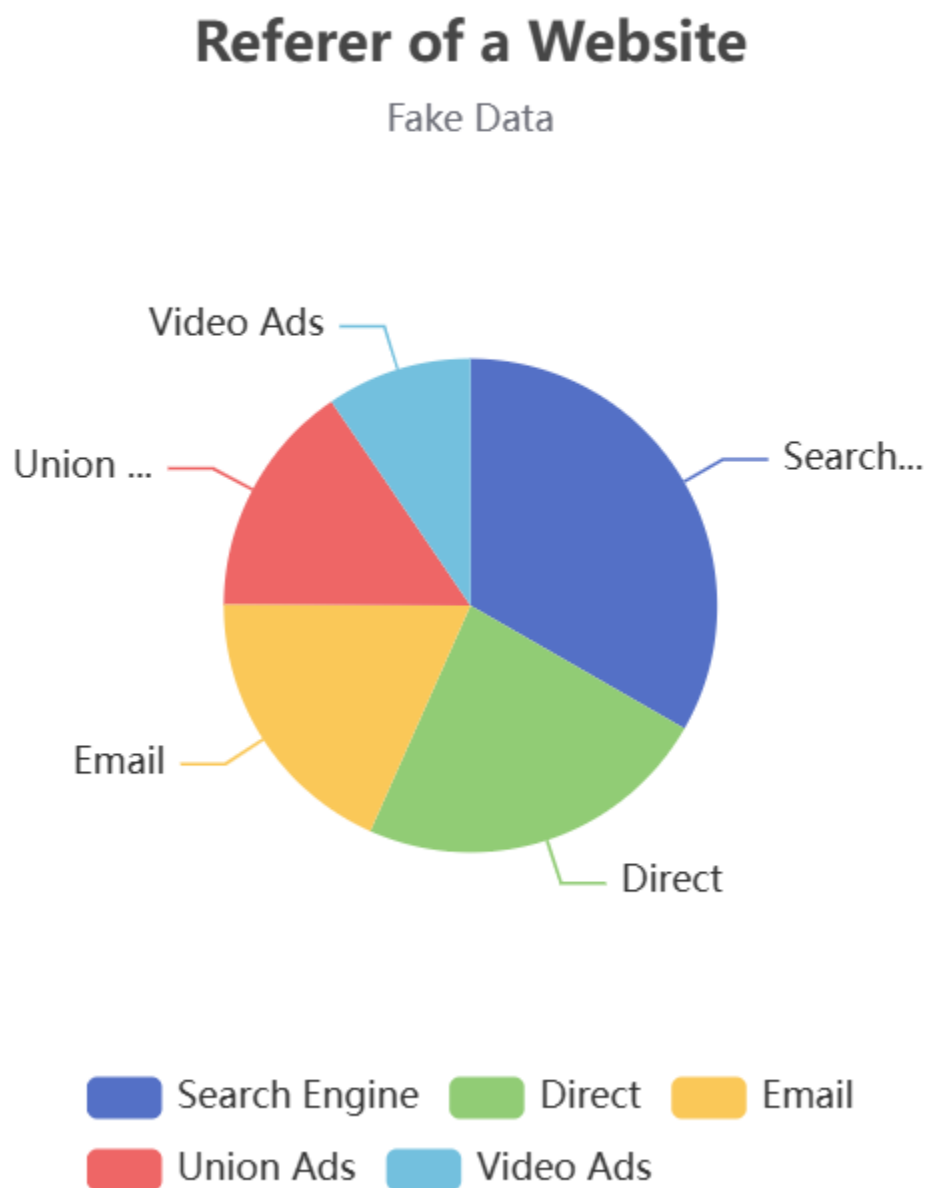
chart   4

```
                        shadowOffsetX: 0,
                        shadowColor: 'rgba(0, 0, 0, 0.5)'
                    }
                }
            }
        ]
    };
    // Draw the chart

    myChart.setOption(option);
}
```

Pie chart

line chart

```
function initLine() {
        // Create the echarts instance
        var myChart = echarts.init(document.getElementById('m1'));

        var option = {
            xAxis: {
```

chart   5

```
            type: 'category',
            data: ['Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat', 'Sun']
        },
        yAxis: {
            type: 'value'
        },
        series: [
            {
                data: [150, 230, 224, 218, 135, 147, 260],
                type: 'line'
            }
        ]
    };
    // Draw the chart


    myChart.setOption(option);
}
```

chart   6