Data visualization templates depict information and assist users to understand the data, by displaying a serious of multiple charts. In the way of viewing and operating the charts, users can analyze the data and finally make the data-driven strategies.

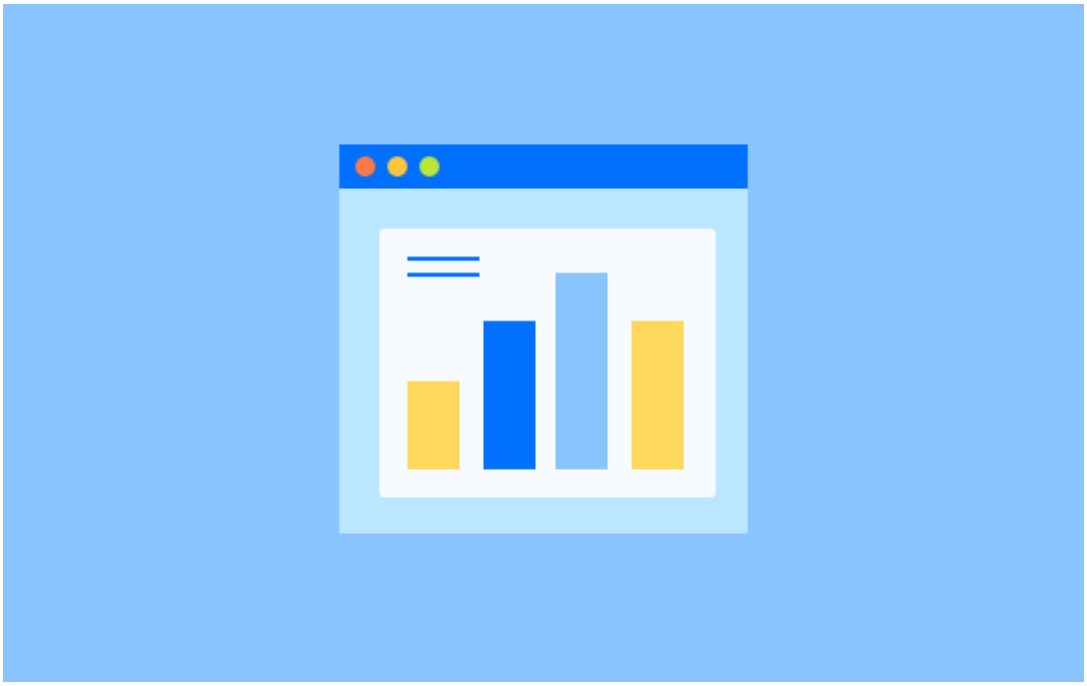
Design Goals

To help users quickly and clearly understand the meanings of data, analyze trends, and make decisions.

Design Principles

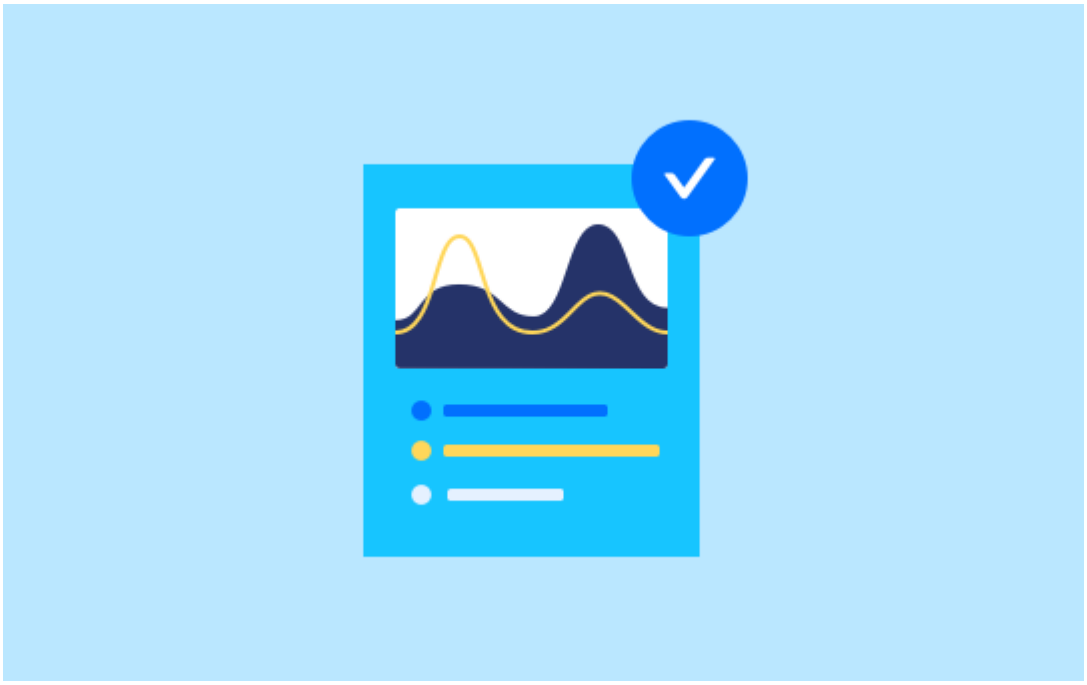
Organized

Define the layout logically, prioritize the content in order. In most cases, in order to emphasize the common-used analysis thoughts, you should organize the information from top to bottom and from left to right, or use processive interactions. To sum up, put the summary first, then focus on filters, and finally provide details whenever the user needs.



Focused

Put the most important charts and the key scorecards on the top or upper part the page.



Accurate

Keep data accuracy, clarity and completeness.

1. Use the correct types of chart.
2. Explain data definition when necessary.

Do & Don't

When the data is highly summarized, a chart with the detail number(s) is more straight-forward than a chart alone.

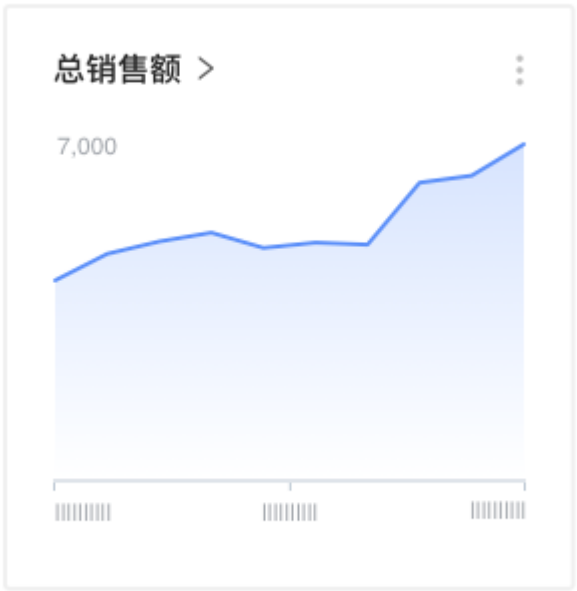
Try to highlight the primary data on first one screen, and limit the sum of modules into 5-9, avoiding information overload.

Make good use of filtering capability, let users observe the overview, and check the detailed data at the same time. Therefore, users can explore quickly whenever they have questions.

Typical Templates

Presentation Dashboards

In order to help users to make decisions, tile the most critical data from the overall perspective on the whole page. When all of the indicators share similar importance, choose the layout on the left; to emphasize one of them, select the one on the right.



Indicator Dashboards

When to use

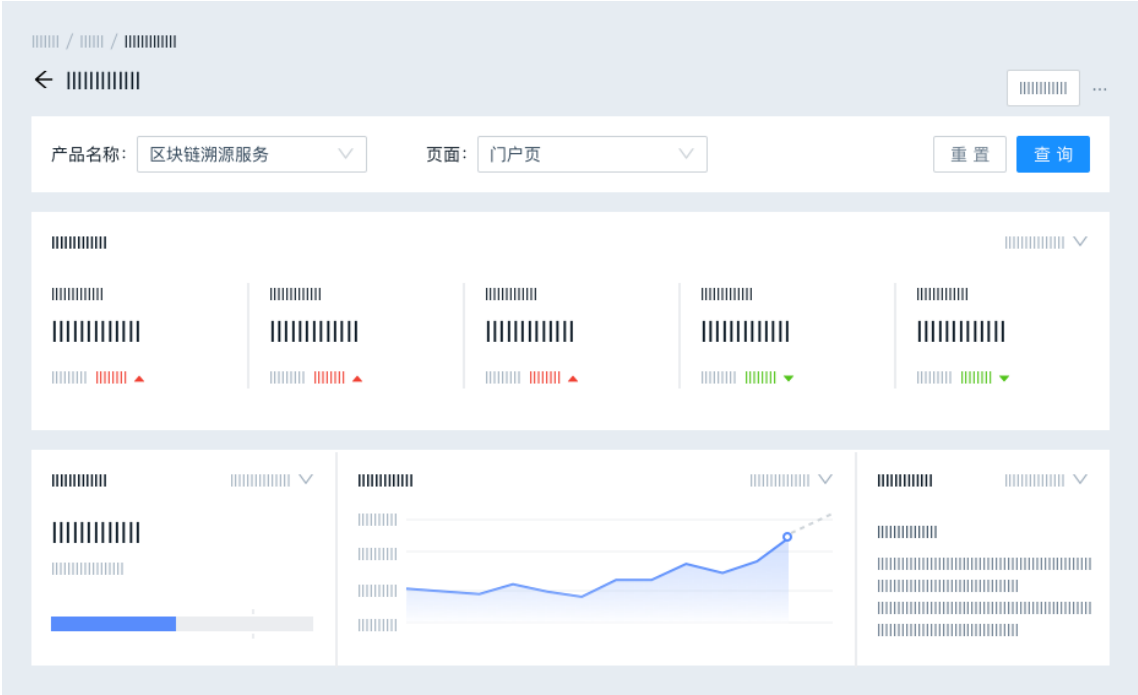
For decision-makers to monitor overviews of data, and attach charts for further insights.

Related capabilities

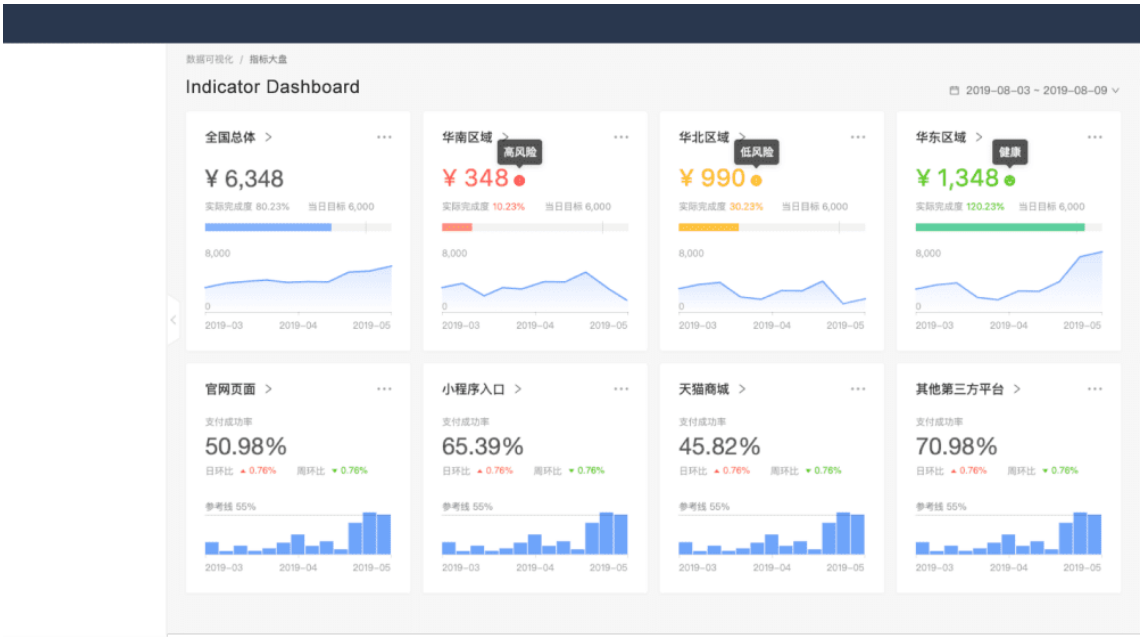
Key indicator, scorecard, filter, chart.

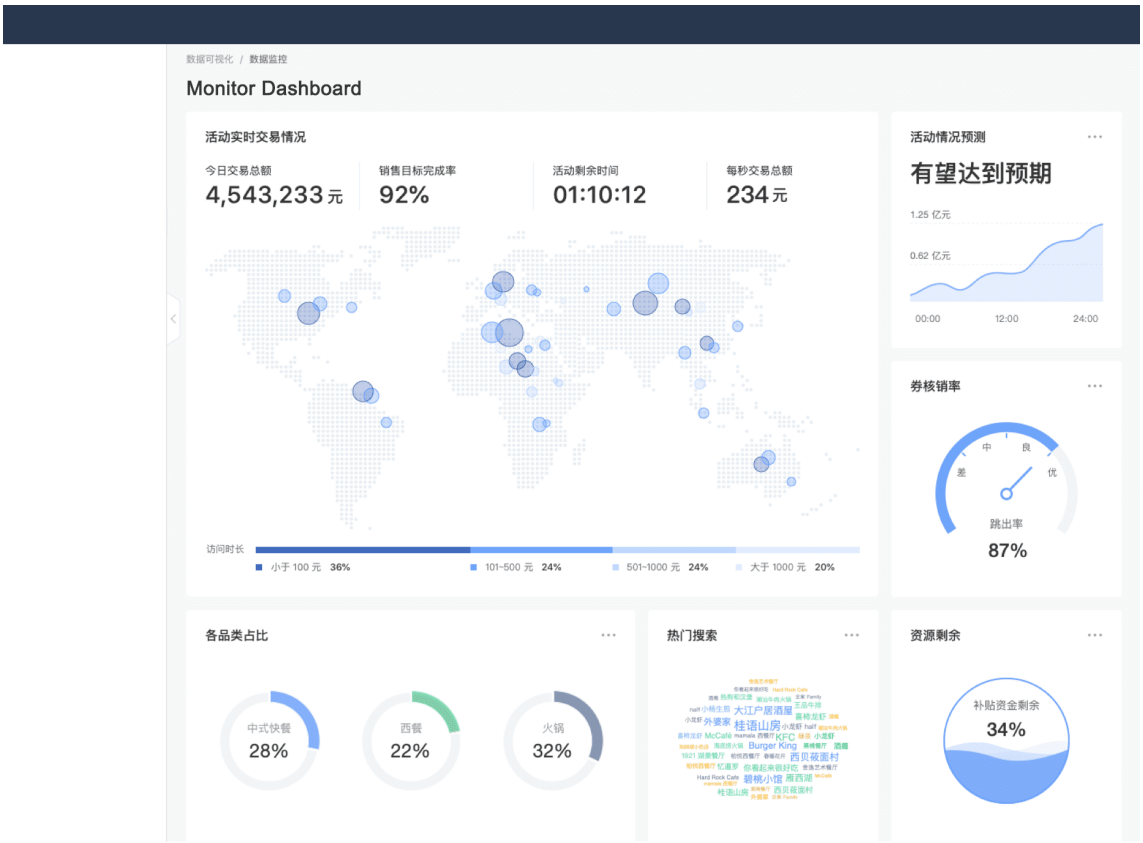
Monitor Dashboards

When to use



This type of dashboard provides an overview of the data for decision making. Usually there is a central topic, around





which presents multi-dimension indicators, helping the users find out abnormal immediately.

Related capabilities

Key indicator, scorecard, chart, map.

Analytics Dashboards

Analytics dashboards separate the data-analysis interface into several parts. Usually their layouts are "summary and description" structure, showing overviews of the whole information with different aspects. These dashboards can assist the users to discover the current problems.

Multi-dimension Analytics Dashboards

When to use

To analyze multiple dimension of data, surround the same topic.

Related capabilities

Key indicator, scorecard, filter, chart.

Detail Templates

Detail templates display the overview and detailed information of a report or a unique indicator. Users can set texts, lists and charts according to their business needs.

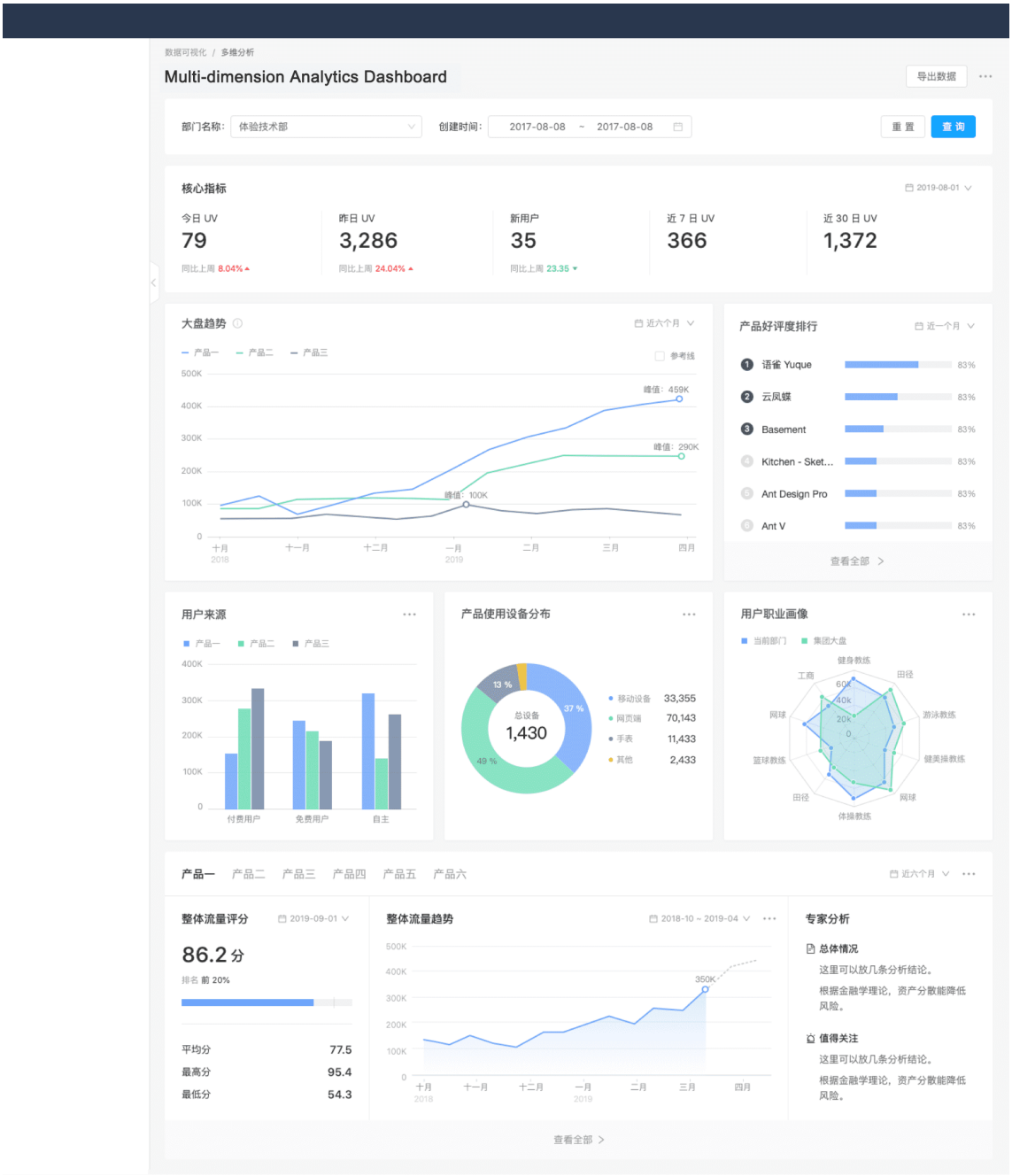
Data Details

When to use

To show the details of the reports.

Related capabilities

Filter, chart, table.

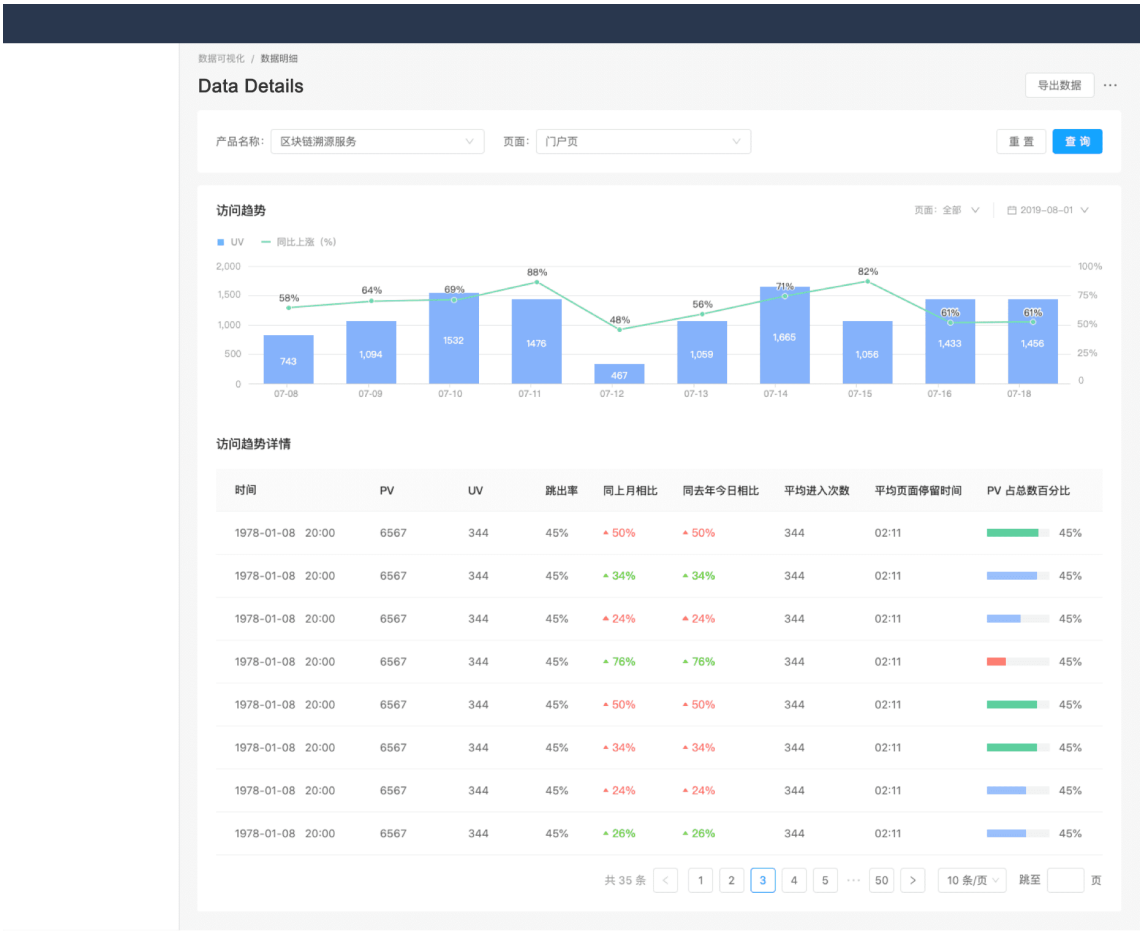


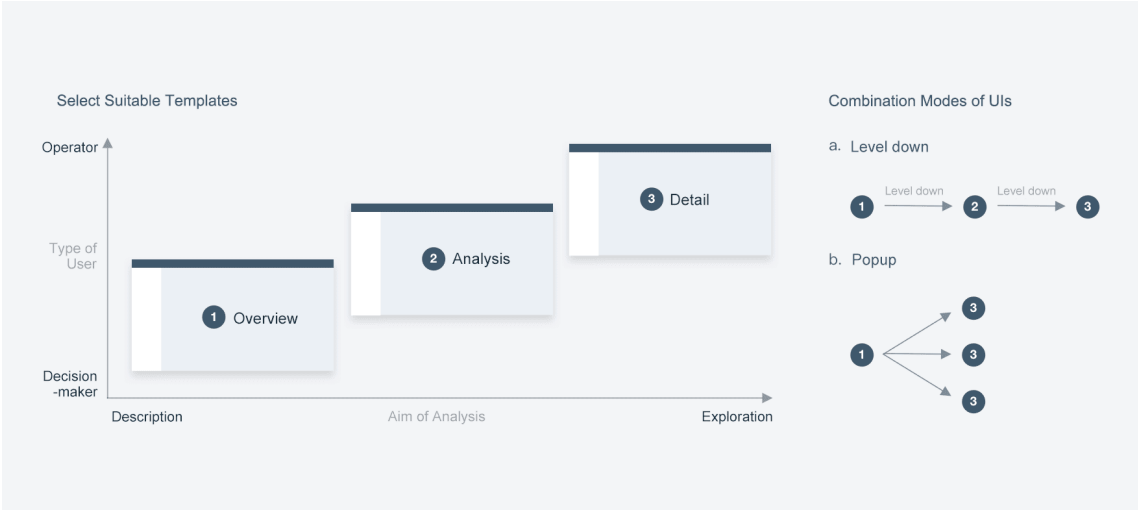
Design Suggestions

Connect Analysis Steps

- Figure out users' roles and aims, and choose the categories of template accordingly. Different business roles pay attention to different key data. There are two common-used types of indicators: high-level dashboard data, and detailed information.
  - Decision-makers can select templates which describe the results;
  - Operators can choose templates which provide more analysis capabilities and detailed information.
- Confirm the priority of the key indicators, and then define the page layouts accordingly. Put the most important data on the most outstanding positions.
- Please remember, you can connect the user interfaces through interactive modes, telling your own stories.


Filter
Charts
Details
Full-size Content Area


数据可视化 / 数据明细
Data Details
导出数据
产品名称: 区块链溯源服务
页面: 门户页
重置
查询
访问趋势
页面: 全部
2019-08-01
UV
同比上涨（%）
访问趋势详情
时间 PV UV 跳出率 同上月相比 同去年今日相比 平均进入次数 平均页面停留时间 PV 占总数百分比
1978-01-08 20:00 6567 344 45% 50% 50% 344 02:11 45%
共 35 条
10 条/页
跳至
页



Combination Methods of Cards

1. One card, one topic.

2. Place closely-related datasets on one card, and use split lines to break it into different areas.

Use Suitable Charts

After designing the draft layout, select related visualization charts based on how summarized or detailed the data is. Usually scorecards and ranking lists are used for information summaries, tables and texts express details, and charts are between the two categories.

Color Palette

Read more

Relative Rules

- AntV Visualizatio Design Principles
- AntV Visualization Color Palette
- AntV Visualization Interaction Design Guidelines

Relative Modules or Components

- AntV Chart Samples

Summaries

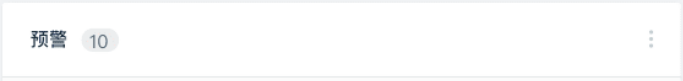
Scorecards and Ranking Lists

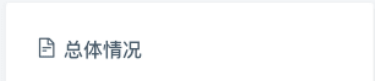
Moderate Information Density

Charts

Details

Tables and Texts





等级	预警内容	预警系统	预警时间
黑色	Icon type="vertical-right"	G43	5 分钟前
黑色	Icon type="step-backward"	Z34	1 小时前
黑色	Icon type="vertical-right"	Z34	2 天前
红色	Icon type="vertical-right"	H43	1 分钟前
红色	Icon type="step-backward"	J234	3 小时前
红色	Icon type="vertical-right"	J234	2 个月前
黄色	Icon type="vertical-right"	H43	1 周前
黄色	Icon type="vertical-right"	T23	1 分钟前
黄色	Icon type="step-backward"	Z34	2 天前
黄色	Icon type="vertical-right"	G34	3 小时前

查看全部

这里可以放几条分析结论。

根据金融学理论，资产分散能降低风险。

值得关注

这里可以放几条分析结论。

根据金融学理论，资产分散能降低风险。

Color Palette 10 Basic Colors

Geek Blue	Cyan	Grey	Sunrise Yellow	Dust Red	Daybreak Blue	Golden Purple	Sunset Orange	Dark Green	Magenta
#5B8FF9	#5AD8A6	#5D7092	#F6BD16	#E86452	#6DC8EC	#945FB9	#FF9845	#1E9493	#FF99C3

Color Palette 20 Expanded Colors

Meanings of Color

To express negative meanings, disability, serious, danger, failure, passion, etc.

To express positive meanings, ability, plants, safety, success, etc.

To express warning, attention, stop, etc.