

Node Guide: Send Chart Data

Overview

The **Send Chart Data** node is used to **visualize structured data in chart format** using ECharts configuration. This helps convey insights and summaries through charts like bar, line, or pie graphs during workflow interactions.

What This Node Does

- Renders a **chart visualization** using ECharts options
 - Displays an optional **summary message** above the chart
 - Accepts configuration from **variables only**
-

Configuration Details

1. Summary

- Select a **variable** (from the dropdown) containing a brief description or title for the chart
- This provides context for the visualization

2. Data (ChartData)

- Select a **JSON-formatted variable** that follows the ECharts-compatible structure below
- Must be wrapped under the **ChartData** key

```
json
CopyEdit
{
```

```
"ChartData": {
  "title": {
    "text": "Chart Title",
    "subtext": "Optional Subtitle",
    "left": "left"
  },
  "tooltip": {
    "trigger": "axis"
  },
  "legend": {
    "orient": "vertical",
    "left": "left",
    "top": "bottom",
    "data": ["Sales", "Returns"]
  },
  "xAxis": {
    "type": "category",
    "data": ["Jan", "Feb", "Mar"]
  },
  "yAxis": {
    "type": "value"
  },
  "series": [
    {
      "name": "Sales",
      "type": "bar",
      "data": [120, 200, 150]
    },
    {
      "name": "Returns",
      "type": "line",
      "data": [20, 50, 30]
    }
  ]
}
```

Inputs

- **Summary:** Variable containing the summary string
 - **Data:** Variable holding ECharts-compatible configuration inside a **ChartData** key
-

Outputs

- No output data
 - Displays a **rendered chart** in the interface
-

When to Use

Use this node when you want to:

- Visually represent data trends, comparisons, or breakdowns
 - Show statistics, analytics, or summaries in a compelling format
 - Help users or agents interpret data faster during workflow steps
-

Example Use Case

Scenario: Visualize Monthly Sales Trends

Setup:

- Summary Variable: **sales_summary**
(e.g., "Monthly Sales Overview")
- Data Variable: **sales_chart_data**
(containing a **ChartData** object for a bar + line chart)

```
{
```

```
  "ChartData": {
```

```
    "title": { "text": "Sales vs Returns", "left": "center" },
```

```
"tooltip": { "trigger": "axis" },

"legend": { "data": ["Sales", "Returns"], "top": "bottom" },

"xAxis": { "type": "category", "data": ["Jan", "Feb", "Mar"] },

"yAxis": { "type": "value" },

"series": [

  { "name": "Sales", "type": "bar", "data": [100, 200, 150] },

  { "name": "Returns", "type": "line", "data": [10, 30, 20] }

]

}
```

Summary

The **Send Chart Data** node makes it easy to include visually appealing charts in your workflow. It works with any ECharts-compatible JSON and is ideal for representing trends, KPIs, or summaries using data-driven visuals.

Let me know if you'd like to extend this with theme options, interactivity (click events), or dynamic data switching.