


ADDING CHARTS/DATA VISUALIZATION TO A JOB REPORT

To Configure Treemap Charts

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Treemap Chart** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Treemap Chart's **Title**.
 - b. Select a data **Category** for the Treemap Chart to display.
 - c. From **Scale color by**, select a Job Action result for the Treemap Chart to display.



The color saturation of each rectangle depends on the number of Job Action results that match your selection. Less saturated rectangles represent fewer matching Job Action results, while more saturated rectangles represent higher numbers of matching Job Action results.



Selecting Passed, Detected, Prevented, or Alerted will display data in various shades of green. Selecting Failed, Not Detected, Not Prevented, Not Alerted, or Missed will display data in various shades of red.

5. Optional: Configure the **Data Filter** tab.



See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

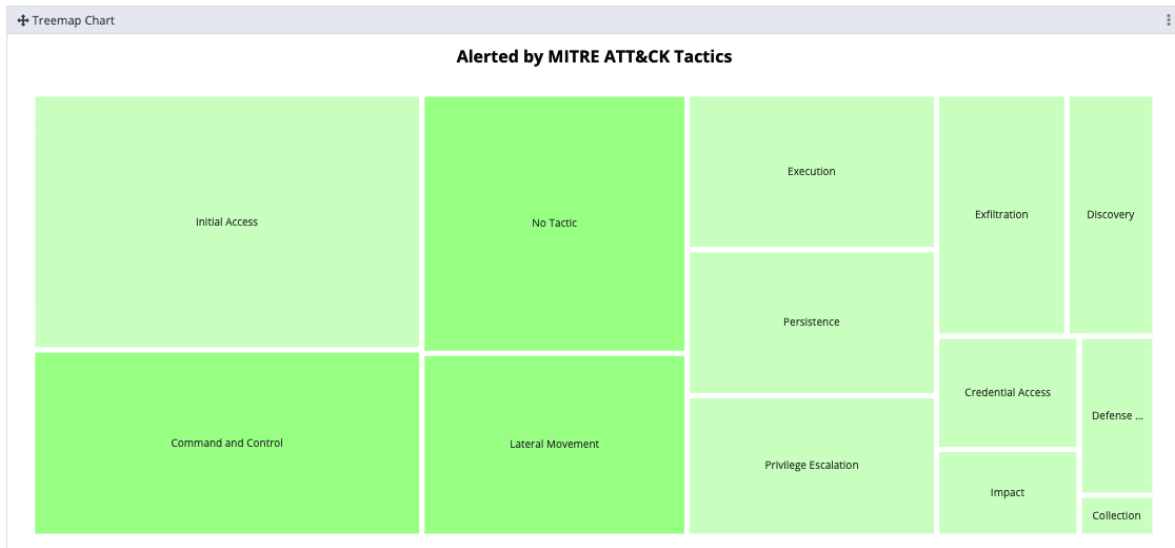
6. Click **Apply**.



Treemap Charts display data in rectangles, where rectangle size is determined by the number of Job Actions in the Data Source that match the **Category** and **Scale color by selections** you make. The greater the number of Job Actions that match, the larger the rectangle will be in size.



Hover your cursor over each rectangle to see the exact number of Job Actions that matched the Treemap settings you configured in the Details and Data Filter tabs.




A Treemap Chart configured to display alerted Job Action Results, organized by MITRE ATT&CK Tactics.



Note that the Initial Access box in is large and shaded light green. This indicates that while Initial Access was used in more Job Actions than any other Tactic, it rarely resulted in an alert being generated.

To Configure Single Stats

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Single Stat** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Single Stat's **Title**.
 - b. Select the display style, either **Text only** or **With gauge/donut**.
 - c. From **Value Type**, select the stat you want to display.
 - d. Select whether to include a percentage that represents the Single Stat.
5. Optional: Configure the **Data Filter** tab.




See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

6. Click **Apply**.



Four Single Stats that display percentages of Actions that were prevented, detected, alerted, and missed

To Configure a Spiral Chart

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Spiral Chart** to your report.
The **Edit Widget** window appears.

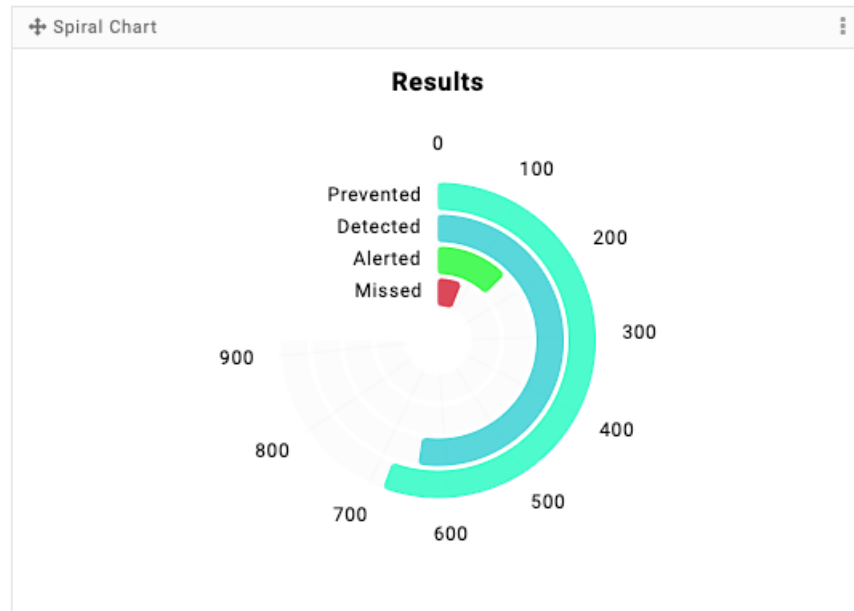
4. Configure the **Details** tab.
 - a. Optional: Enter the Spiral Chart's **Title**.
 - b. Select a **Value Type**.

5. Optional: Configure the **Data Filter** tab.




See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

6. Click **Apply**.



A Spiral Chart showing total counts of Actions that were prevented, detected, alerted, and missed

To Configure an Overview Card

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add an **Overview Card** to your report.
The Edit Widget window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Overview Card's **Title**.
 - b. Optional: Enable **Show Job Stats**, which displays both the number of Actions and Job Actions in your environment.
 - c. For Chart Type, select whether you want to include a chart (**Stacked Bar**, **Job Action Results Line**, **Trending Threshold**) or not (**No Visualization**).



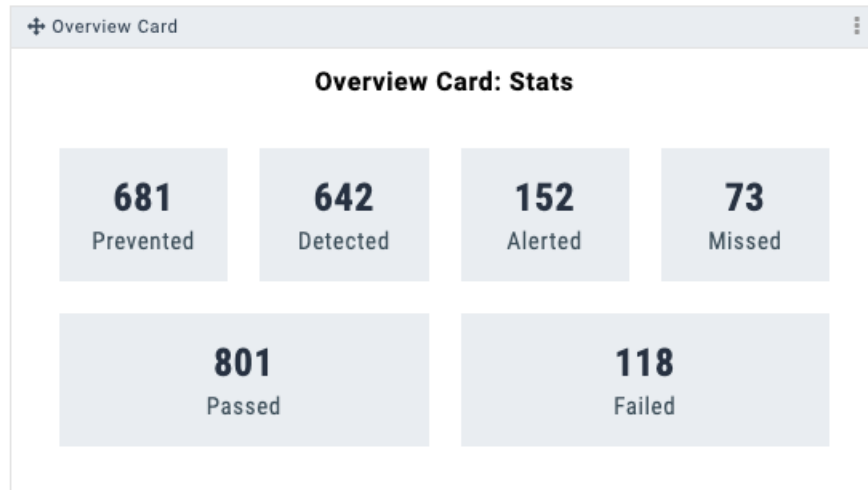
If you choose to include a chart in your Overview Card, you'll need to configure that chart. In that case, review the configuration steps for the **Stacked Bar Chart**, **Job Action Results Line Chart**, and **Trending Threshold Chart**.

- d. Select whether to include any or all Single Stat values.
5. Optional: Configure the **Data Filter** tab.




See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.


6. Click **Apply**.



An Overview Card set to display all available Single Stats together

To Configure a Pie/Donut Chart

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.

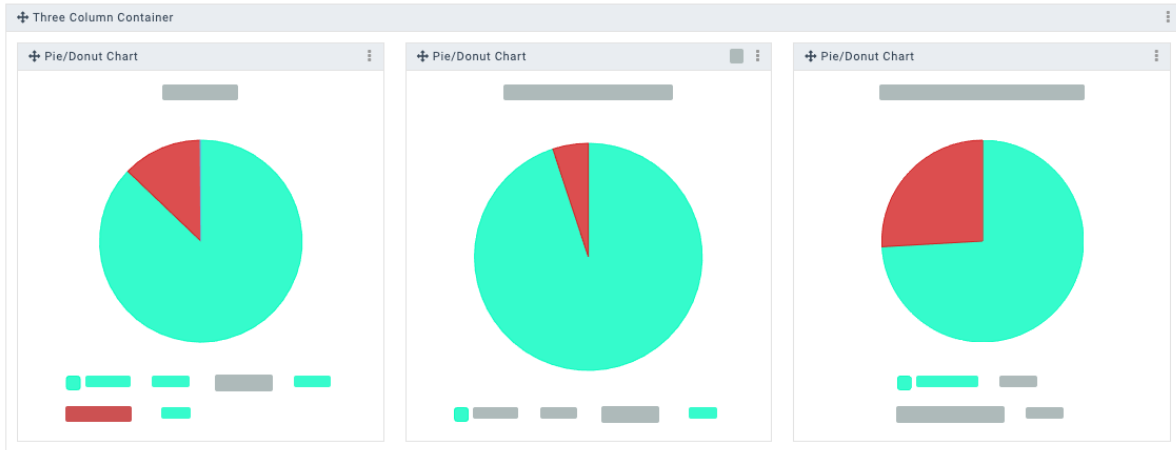
 If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Pie/Donut Chart** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Pie/Donut Chart's **Title**.
 - b. Select whether the chart displays as a **Pie Chart** or **Donut Chart**.
 - c. Select a **Value Type**.

5. Optional: Configure the **Data Filter** tab.


 See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

6. Click **Apply**.



A Three Column Container with three Pie/Donut Charts inside

To Configure a Stacked Bar Chart

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



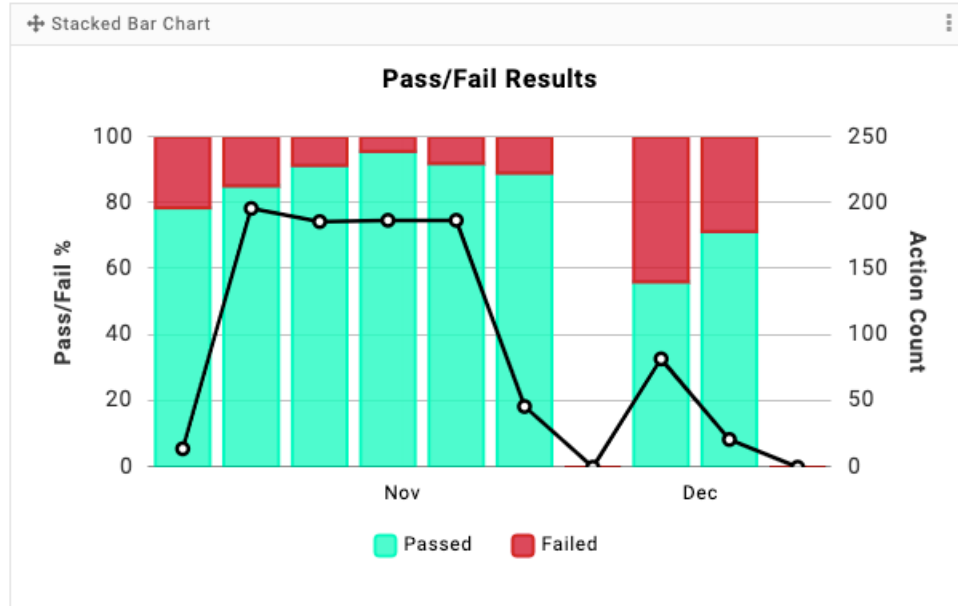
If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Stacked Bar Chart** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Stacked Bar Chart's **Title**.
 - b. Select the **X Axis Type**, which determines whether the X axis displays results over time or results grouped by categories.
To select the security technologies you want to exclude/include in the report:
 - i. Select **Security Technologies** in the X Axis Type drop-down list.
 - ii. Deselect/Select the check box next to each security technology you want to exclude from or include in the rendered report (all known security technologies are selected by default in the list).
 - iii. Search for a specific security technology by entering it in the search field.
 - iv. Deselect or select all security technologies by clicking the **Deselect All/Select All** link.
 - v. Click **Apply**.
 - c. Select a **Value Type**, which determines what data is shown in the chart.
 - d. Select whether to include a line that shows the total number of Job Actions represented in each bar in the chart.
 - e. Select the **Chart column density**, which allows you to choose how much time is represented by each bar.
The drop-down includes the following options:
 - i. **Automatic** (this is the default but it allows for 1 hour bars when the number of days is less than 7)
 - ii. **1 hour**
 - iii. **1 day**
 - iv. **1 week**
 - v. **1 month**
5. Optional: Configure the **Data Filter** tab.




See [Configuring the Report Data Source](https://docs.mandiant.com/home/configuring-the-report-data-source#To2) (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

- Click **Apply**.



A Stacked Bar Chart that shows Pass/Fail results over time and includes total counts with a line

To Configure a Trending Threshold Chart


- In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
- Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

- In the **Panel Library**, add a **Trending Threshold Chart** to your report. The **Edit Widget** window appears.
- Configure the **Details** tab.
 - Optional: Enter the Trending Threshold Chart's **Title**.
 - Define the **Desired Rate (Percentage)** and the **Value Type**.

The desired percentage rate determines the threshold that needs to be met for the chart to display positive or negative trends. For example, if the desired rate is set to 95 and the value type is set to Pass/Fail, the chart displays time ranges where 95% or more of Job Actions passed as green and above the threshold line. The time ranges where less than 95% of Job Actions passed will display as red and below the threshold line. In this example, the threshold line is at 95% on the Y axis.



VID	These columns only include completed jobs					These columns include both completed & error jobs		
	Passed	Failed	Prevented	Detected	Alerted	Completed	Errored	Total
A104-192	--	--	--	--	--	0% (0/1)	100% (1/1)	1
A104-152	--	--	--	--	--	0% (0/2)	100% (2/2)	2
A104-057	--	--	--	--	--	0% (0/1)	100% (1/1)	1
A100-295	100% (6/6)	0% (0/6)	100% (6/6)	83.3% (5/6)	0% (0/6)	75% (6/8)	25% (2/8)	8
A100-277	100% (4/4)	0% (0/4)	100% (4/4)	100% (4/4)	0% (0/4)	80% (4/5)	20% (1/5)	5
A100-017	100% (4/4)	0% (0/4)	100% (4/4)	100% (4/4)	0% (0/4)	80% (4/5)	20% (1/5)	5
A100-871	100% (7/7)	0% (0/7)	0% (0/7)	100% (7/7)	0% (0/7)	87.5% (7/8)	12.5% (1/8)	8
A100-524	100% (1/1)	0% (0/1)	100% (1/1)	100% (1/1)	0% (0/1)	100% (1/1)	0% (0/1)	1
A100-267	100% (6/6)	0% (0/6)	16.7% (1/6)	83.3% (5/6)	0% (0/6)	100% (6/6)	0% (0/6)	6

Annotated Data Table that includes errored Job Action data

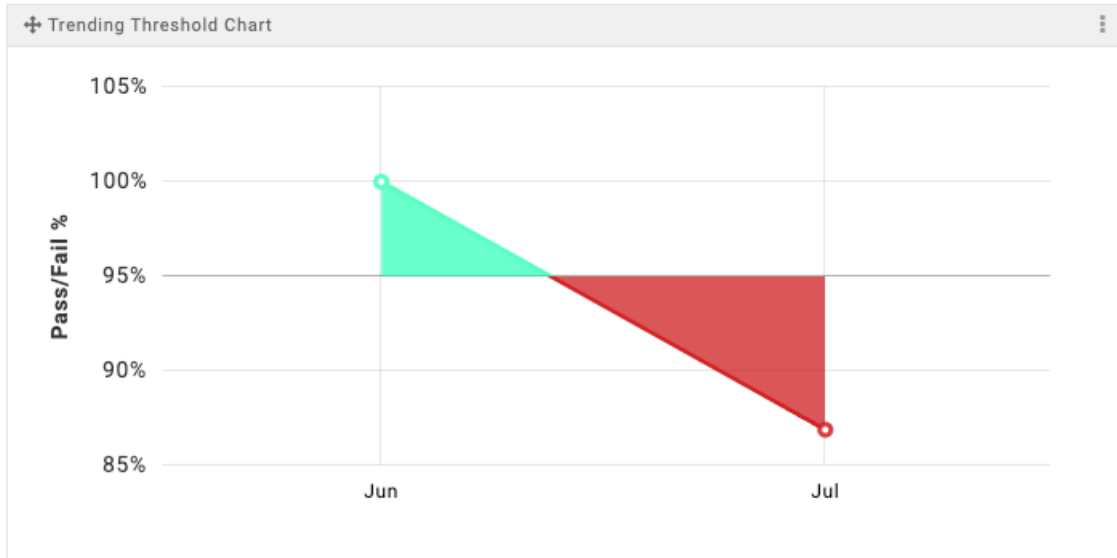
- c. Select the **Chart column density**, which allows you to choose how much time is represented by each bar. The drop-down includes the following options:
- i. **Automatic** (this is the default but it allows for 1 hour bars when the number of days is less than 7)
 - ii. **1 hour**
 - iii. **1 day**
 - iv. **1 week**
 - v. **1 month**

5. Optional: Configure the **Data Filter** tab.




See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

6. Click **Apply**.



A Trending Threshold Chart where the desired percentage rate (95%) was met in June, but not in July

To Configure a Job Actions Line Chart

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

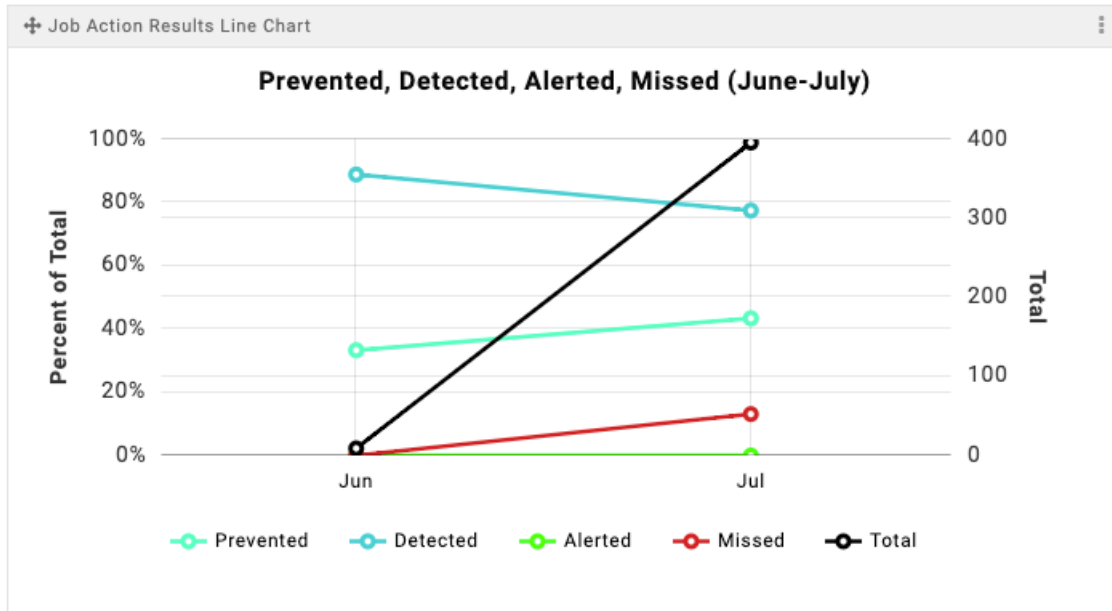
3. In the **Panel Library**, add a **Job Actions Line Chart** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Job Actions Line Chart's **Title**.
 - b. Select whether the chart displays counts of or percent of total Job Actions run.
 - c. Select whether the chart also displays total Job Actions run in a line and on the the Y axis.
 - d. Select the **Chart column density**, which allows you to choose how much time is represented by each bar.
The drop-down includes the following options:
 - i. **Automatic** (this is the default but it allows for 1 hour bars when the number of days is less than 7)
 - ii. **1 hour**
 - iii. **1 day**
 - iv. **1 week**
 - v. **1 month**

5. Optional: Configure the **Data Filter** tab.




See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

6. Click **Apply**.



A Job Action Results Line Chart that includes the totals line and axis

To Configure a Threshold Radar Chart

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



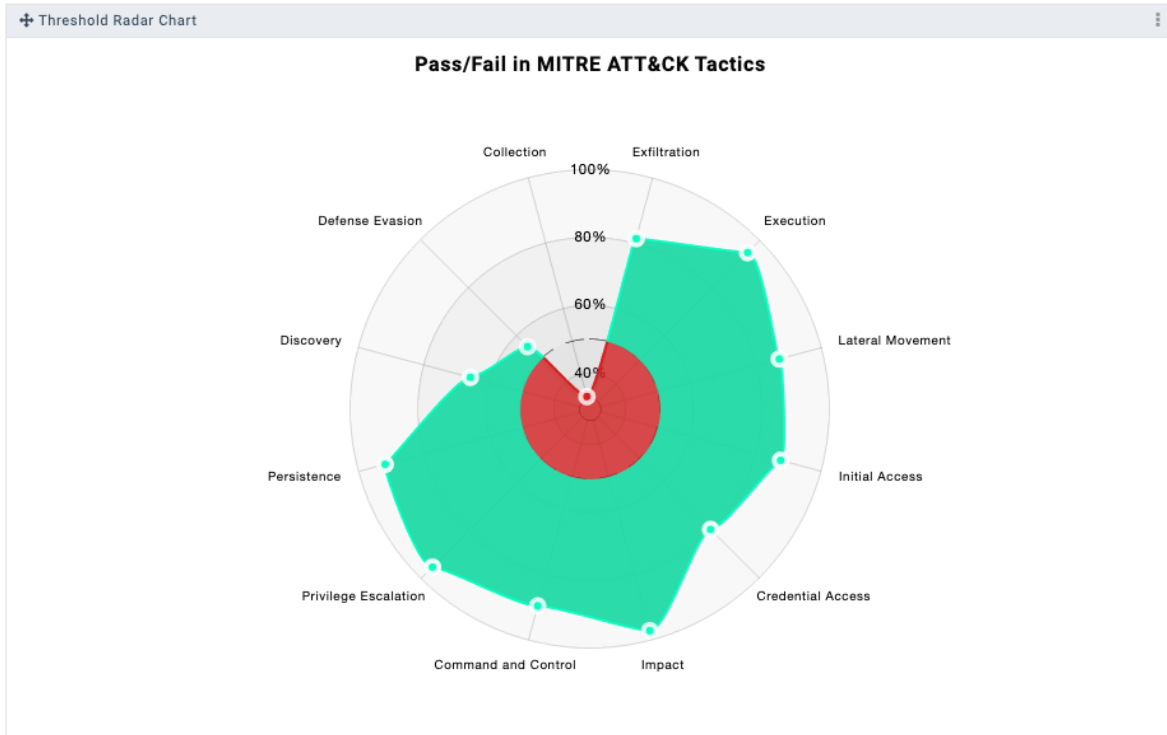
If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Threshold Radar Chart** to your report. The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Threshold Radar Chart's **Title**.
 - b. Select whether the the chart pulls Job Action results in relation to **Stages of Attack**, **MITRE ATT&CK Tactics**, **NIST 800-53 Control Families**, or **Attacker Behaviors**.
 - c. Select whether the chart shows data for **Pass/Fail** or **Prevented/Not Prevented** rates.
 - d. Set the threshold, or **Desired Rate (Percentage)**, to measure your Job Action performance against. The percentage you define will appear in the chart as a dashed line.
5. Optional: Configure the **Data Filter** tab.




See **Configuring the Report Data Source** (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.


6. Click **Apply**.



A Threshold Radar Chart that shows Pass/Fail performance organized by MITRE ATT&CK Tactics, with a 50% passing threshold set

To Configure a bullet Chart

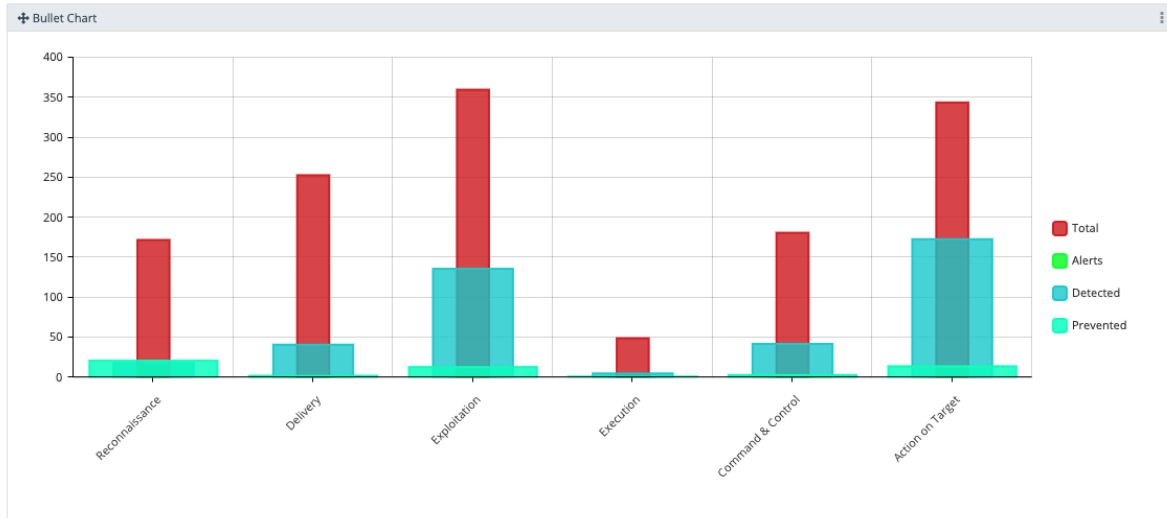
1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.

 If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

3. In the **Panel Library**, add a **Bullet Chart** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Bullet Chart's **Title**.
 - b. Select whether the the chart pulls Job Action results in relation to **Stages of Attack**, **Attacker Behaviors**, **Attack Vector**, or **Zones**.
5. Optional: Configure the **Data Filter** tab.


 See [Configuring the Report Data Source \(https://docs.mandiant.com/home/configuring-the-report-data-source#To2\)](https://docs.mandiant.com/home/configuring-the-report-data-source#To2) for more information.

6. Click **Apply**.



A Bullet Chart showing the amount of Job Actions at various Stages of Attack

To Configure a Force Field Chart

1. In the **Analyze > Reports** page, create a new report or use the Actions menu  to edit an existing report.
2. Click **Add Component +**.



If there are components already in the report, you may need to hover the cursor above or below a component to see this option.

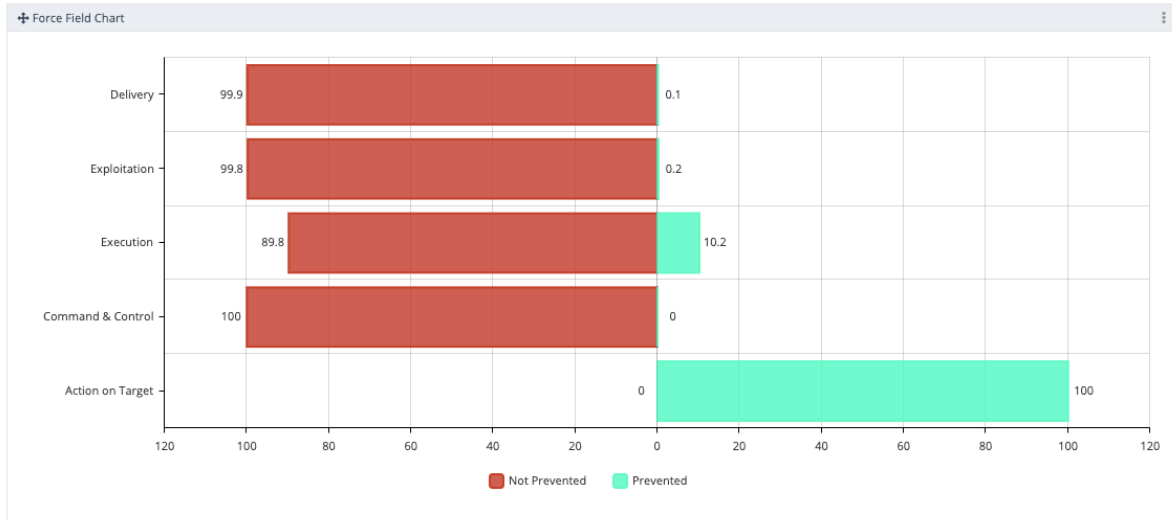
3. In the **Panel Library**, add a **Force Field Chart** to your report.
The **Edit Widget** window appears.
4. Configure the **Details** tab.
 - a. Optional: Enter the Force Field Chart's **Title**.
 - b. Select whether the the chart pulls Job Action results in relation to **Stages of Attack**, **Attacker Behaviors**, **Attack Vector**, or **Zones**.
 - c. Select whether the chart shows data for **Pass/Fail** or **Prevented/Not Prevented** rates.
 - d. Set the Result Display Style to **Count** or **Percentage**.

5. Optional: Configure the **Data Filter** tab.



See [Configuring the Report Data Source](https://docs.mandiant.com/home/configuring-the-report-data-source#To2) (<https://docs.mandiant.com/home/configuring-the-report-data-source#To2>) for more information.

6. Click **Apply**.



A Force Field Chart showing the percentage of Job Actions Prevented/Not Prevented at various Stages of Attack.