

Anomaly Detection

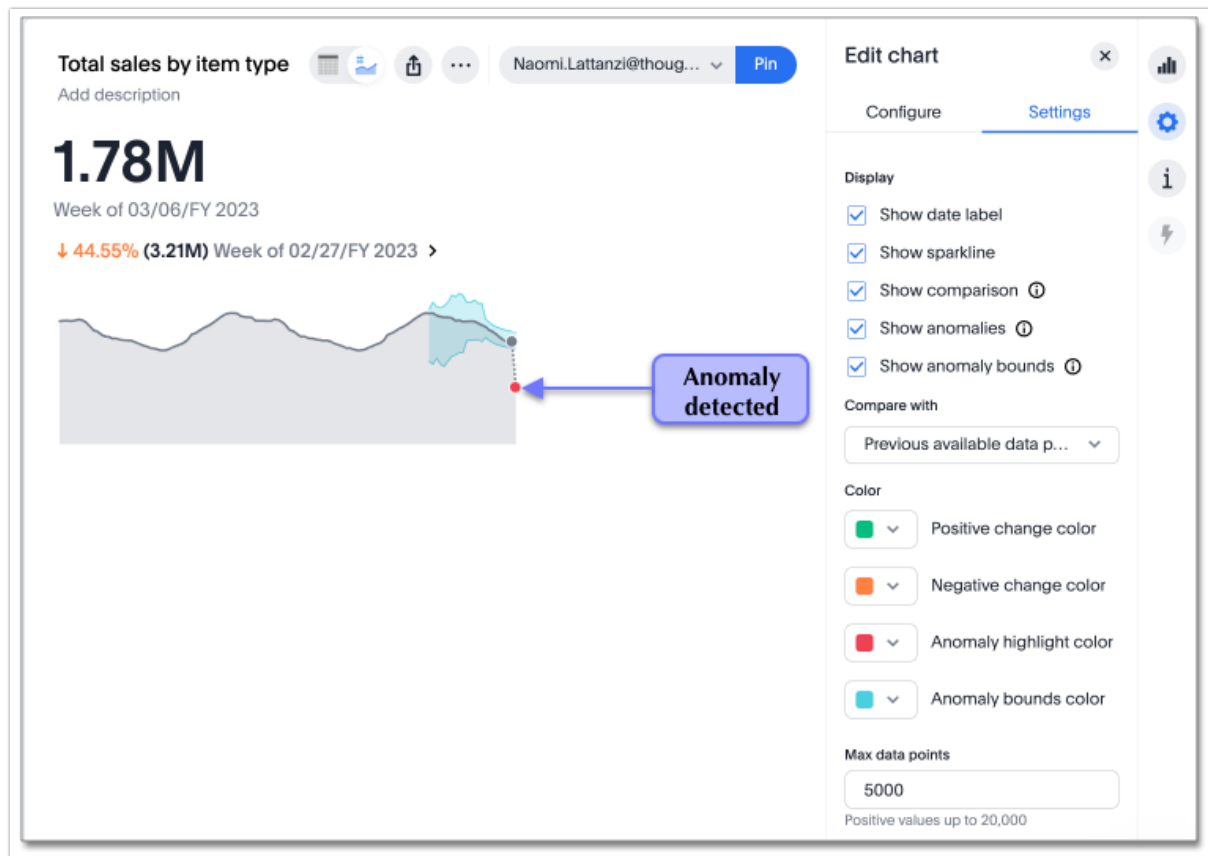
Alchemer Dashboard is currently waitlist only. [Visit this page](#) to learn more about Dashboard or join the waitlist!

You can see anomalies in Alchemer Dashboard visualizations. Our anomaly detection algorithm detects data which does not fall within the expected confidence intervals, while allowing for seasonal changes, variability, and growth over time. For now, this feature is only available in time-series KPI charts. When enabled, the anomaly detection feature projects a range of expected values, or anomaly bounds, for the most recent data points, based on the past trends of your KPI. Any value that does not fall within the expected range is highlighted as an anomaly.

Customize Anomaly Detection

You can change the color of anomaly detection bounds, and the highlight color of detected anomalies. To customize the appearance of the anomaly detection feature, follow these steps:

1. Open a saved KPI chart, or create a new KPI from the [Search data](#) page.
2. Select the chart configuration icon from the sidebar to the right of your KPI. Note that anomaly detection will only appear for KPI charts with sparkline visualizations.
3. By default, **Show anomalies** and **Show anomaly bounds** are selected. You can choose to hide anomaly bounds, and you will still see anomalies highlighted.



4. You can edit the **Anomaly highlight color** and **Anomaly bounds color** to make them stand out against your sparkline visualization. Choose a new color by selecting it from the color palette, or by entering a hexadecimal code in the color picker. The chart automatically updates to display your changes.

Limitations

The anomaly detection feature needs at least five data points to analyze in order to function. Data sets with less than five data points will not display anomalies.

In order to provide good anomaly detection, you need to provide at least two cycles of a required seasonality. For example, if you are visualizing data at monthly granularity, to capture yearly seasonality the system needs at least the past 24 months of data.

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