

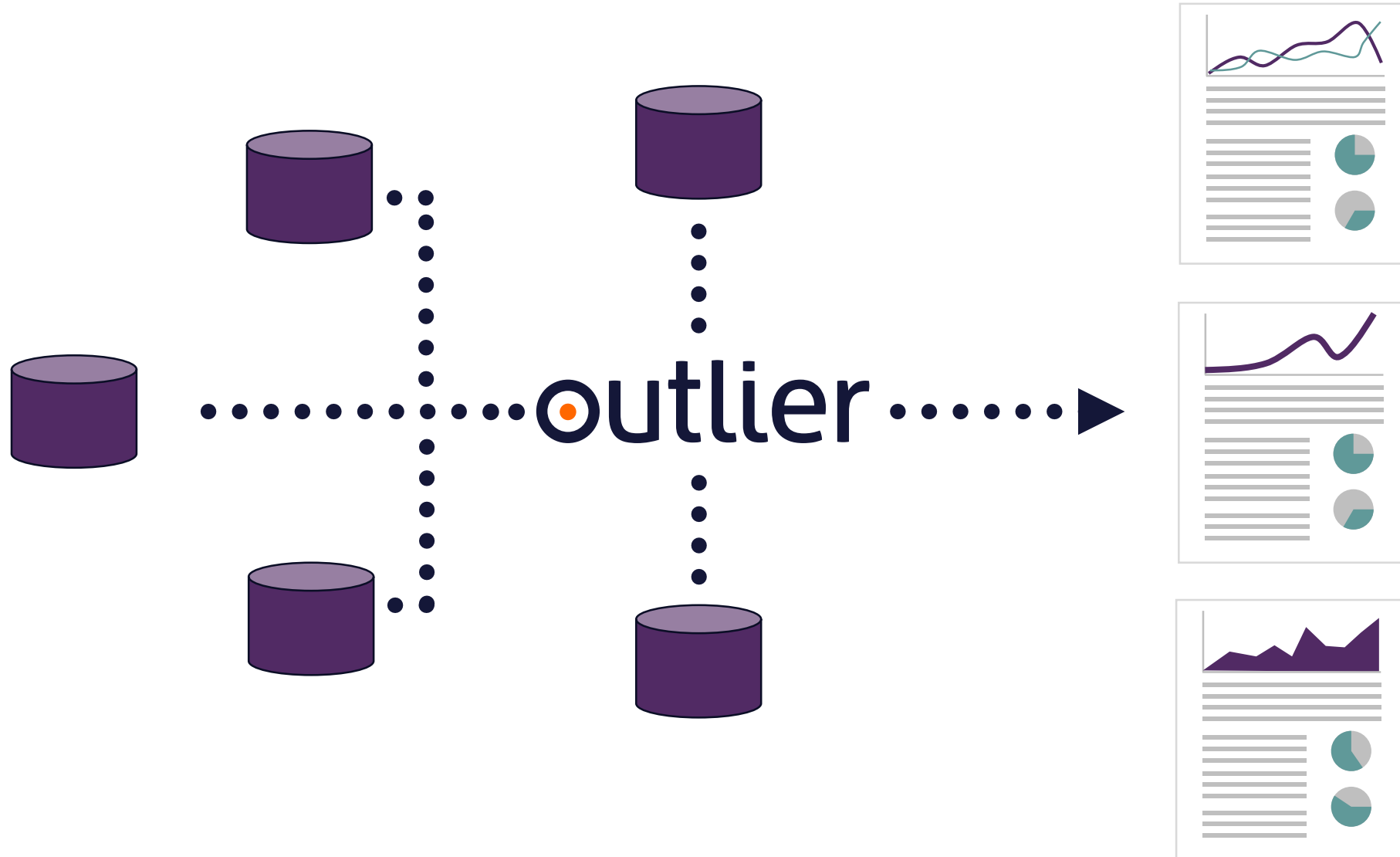
Automated Data Analysis

PRISME 2018



..outlier

..outlier discovers unexpected changes and patterns in your data automatically.





See large-scale map of Shenandoah National Park on reverse side.

HOME

4:45

TUE, JUN 9 WED 9:00 AM



Time to leave for Dinner
Leave by 4:50 PM to arrive on time

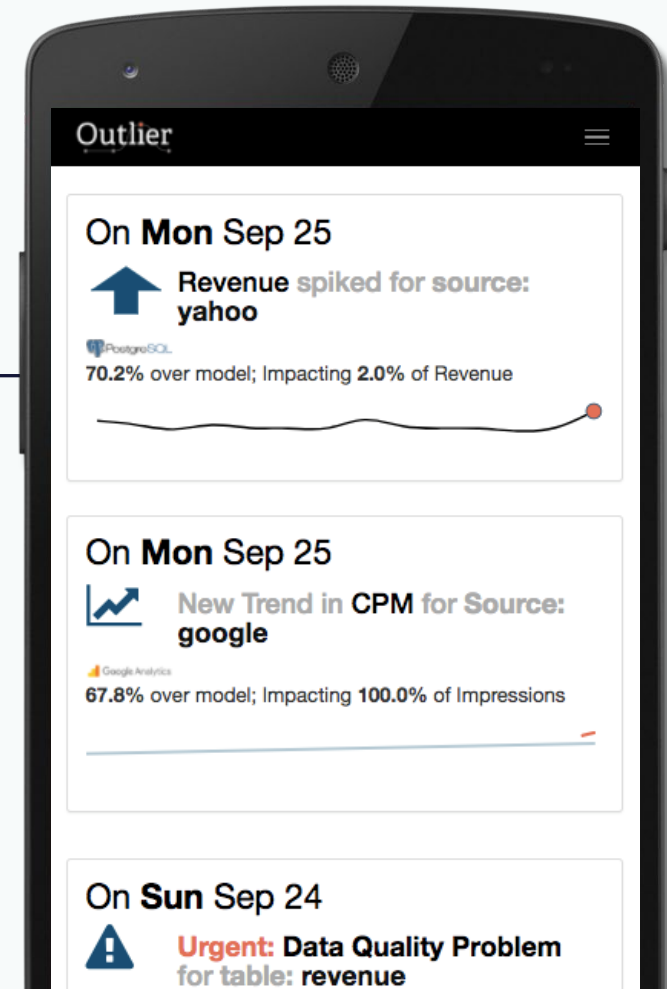
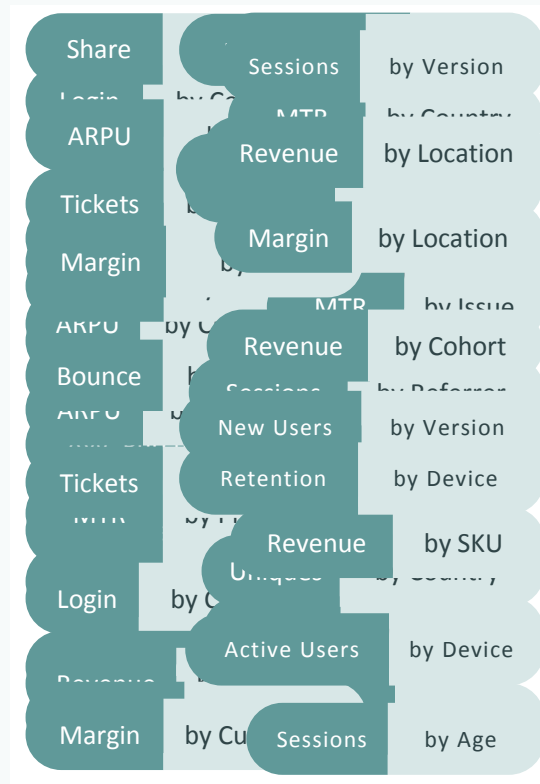
Outlier does what a human analyst can't

outlier

Ask Every Question

Know What's Important

Curated Insights





Example Insights

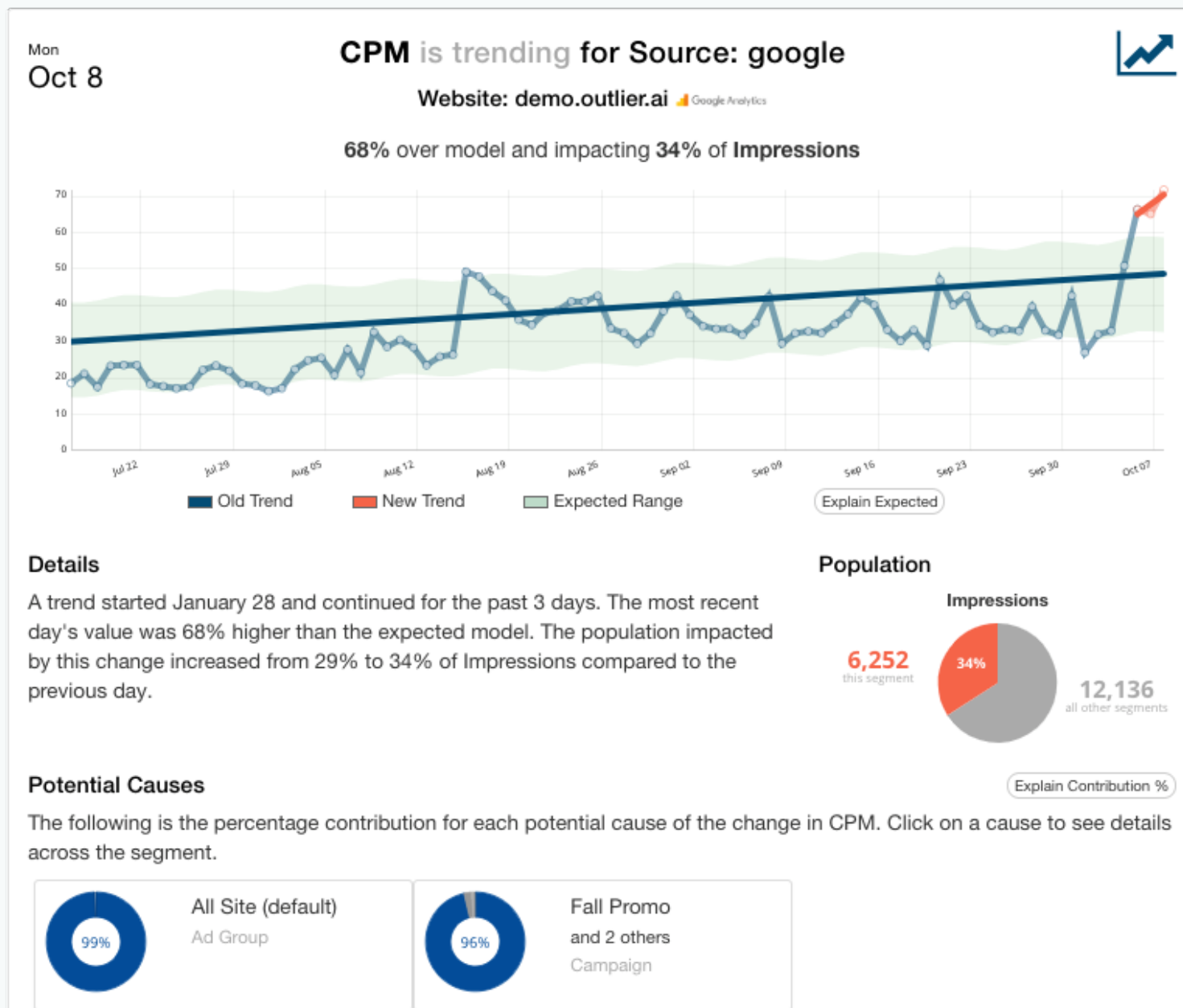
What Happened?



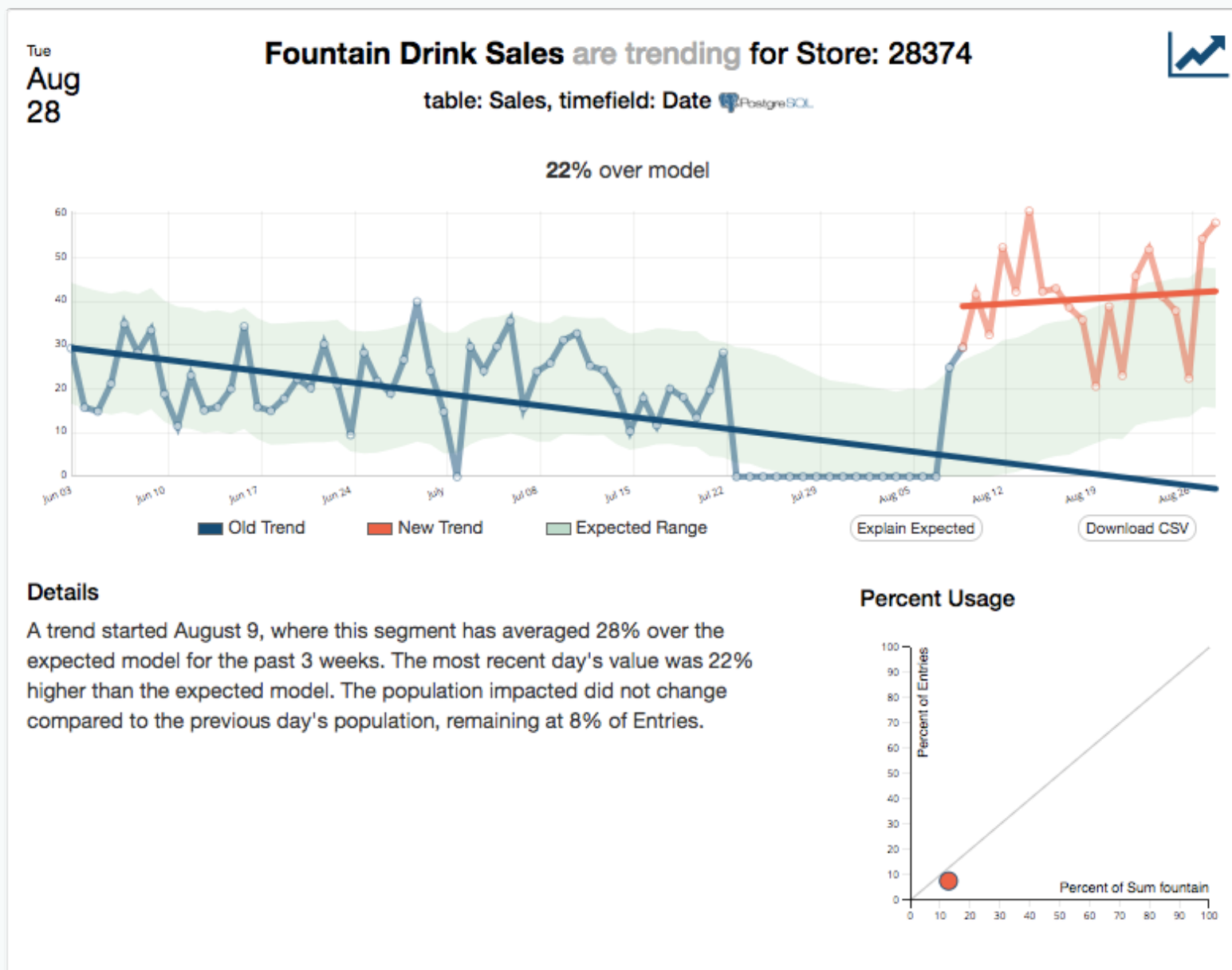
Why does it matter?



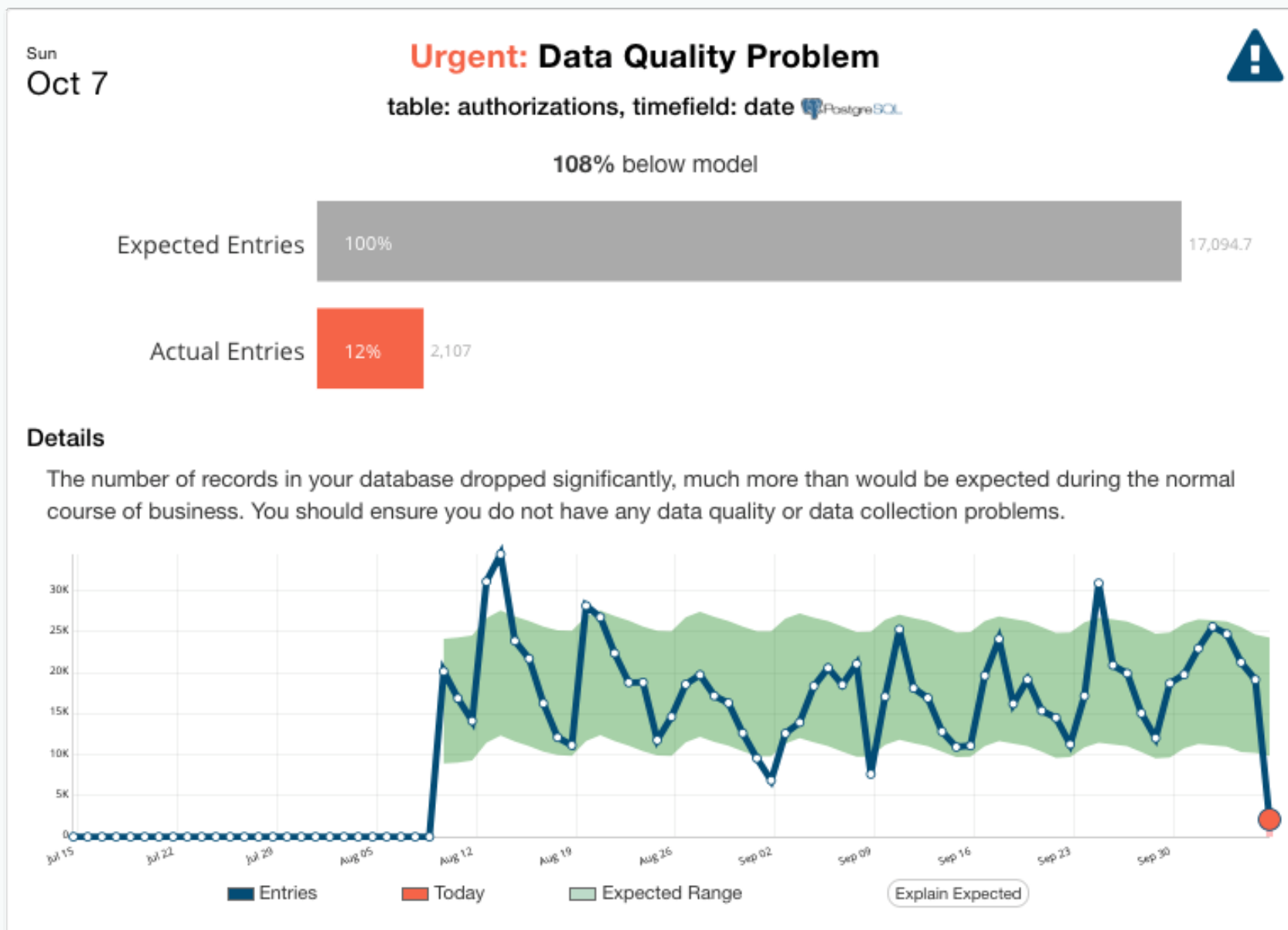
What is the cause?



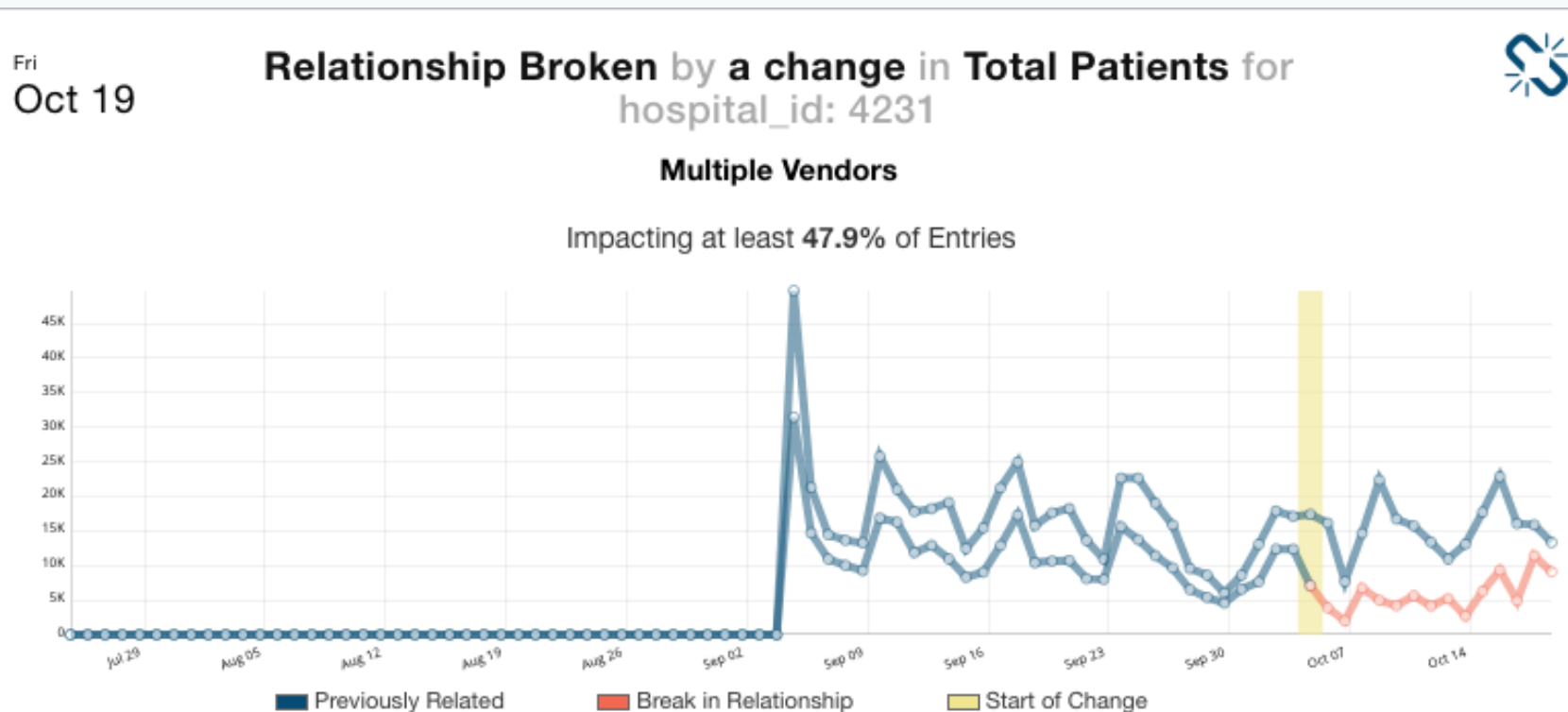
Example Insights



Example Insights



Example Insights



Details

The following metrics were highly related for at least 1 month:

- **Total Patients** for hospital_id: 4231 according to Postgresql (47.9% of **Entries**)
- **Pills Dispensed** for Product: SFLJDK according to SQL Server (23.1% of **Dispenses**)

On Oct 5, 2018, the relationship broke when 1 of the 2 metrics changed (highlighted in orange).

When a strong relationship between metrics breaks, either part of your business has changed or your metrics are being calculated differently. It is worth investigating whether a business change did occur or if there is a problem with your data quality.

Data Analysis Waves of Innovation

..outlier



The diagram illustrates three sequential waves of innovation in data analysis, represented by three overlapping trapezoidal shapes that increase in height from left to right. The first wave is light blue and labeled 'Data Centralization'. The second wave is a medium blue and labeled 'Data Visualization'. The third wave is dark blue and labeled 'Automated Data Analysis'. A horizontal line at the bottom serves as a baseline, with a vertical line segment separating the 'Better Answers' phase from the 'Better Questions' phase.

Data
Centralization

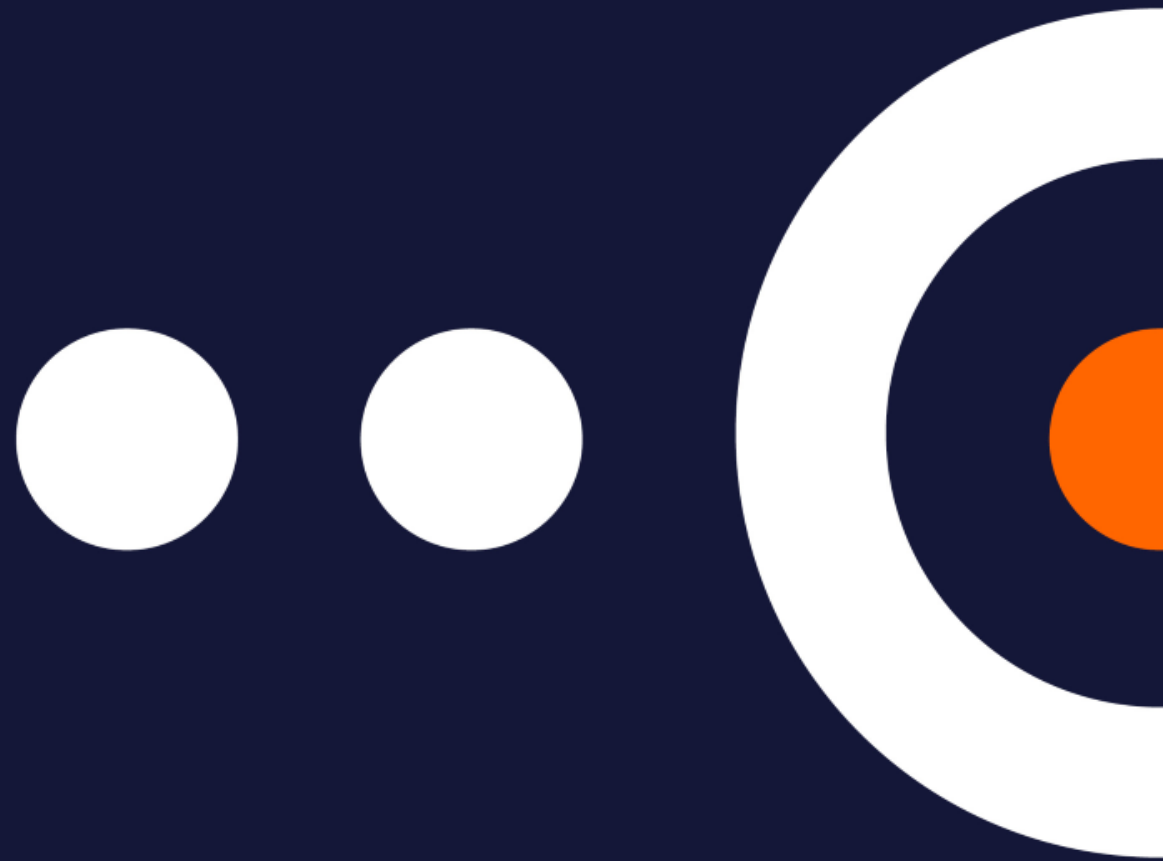
Data
Visualization

Automated
Data
Analysis

Better Answers

Better Questions

Know the impossible.



..outlier.ai