Release Notes

2024.77

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This documentation has been created for software version 2024.77

It is also valid for subsequent software versions as long as no new document version is shipped with the product.

Suite 105, 220 Davidson Ave, Somerset NJ, USA 08873

Support:

For more information, visit https://www.whiz.ai/contact

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No Warranties and Limitation of Liability. Every effort has been made to ensure that this document is an accurate representation of the features offered by WHIZ.AI platform in the release 2024.77. However, the development of the software is a continuous process. So, small inconsistencies may occur. We would appreciate any feedback on this document.

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Release Highlights

The current release 2024.77includes the following new features and enhancements.

Explorer

Introducing example conversations panel in explorer

The Explorer now features an **Example Conversations** panel to help users start their analysis with pre-defined queries. Admins can configure whether these example questions display on the **Explorer** or **Model Info** panel. When a user clicks on a query from this panel, the system resets the context before generating the response in the Explorer, ensuring accurate results

> **Note**! For more information related to configuration, refer to **Example Key Business Questions Configuration** under Application Configuration in Admin Guide.

Customize browser tab branding to enhance platform distinction

Admins can now customize the website title and favicon through the Branding page, helping to distinguish your platform. The theme editor has also been enhanced with CSS runtime verification to prevent errors, centralizing and improving branding customization.

Enhance auto-suggestions: Synonyms with context for clearer queries

WhizAI now displays the dimension or metric name against the synonyms for better understanding of the context.. If you ask a question that contains a synonym used across multiple dimensions or metrics, the auto-suggestion feature displays the synonym along with the actual object in brackets.
 For example, if Sales is a synonym for both TRx and NRx and you ask a question - *show me sales trend for last month*, the system will show Sales (TRx) and Sales (NRx) in auto-suggestion and let you choose between the two.
This feature helps you to correctly select the suggestions provided by the system.

Contextual cohort intelligence!

When you set a cohort in the context and ask a question about any dimension, the system intuitively retains the context. It provides results from the selected cohort data set, ensuring you receive accurate responses without needing to repeatedly mention the cohort name in your queries. This seamless feature streamlines your data retrieval process, enhancing efficiency and ease of use.

Enhance query handling: support for since-time expressions

WhizAI has been supporting since-time expression queries in the product. Based on the customer feedback, we have now increased the coverage around different variations of since operator.
Now, you can use variations like starting, onwards, to date, to current, from-to date, till date and the system provides the correct response.

Display full week date range

WhizAI now supports displaying full week date range on the X-axis for tables and charts using weekly granularity. Users can view date ranges (e.g.,Jan 1 to Jan 11, 2024 or 2022 - 01 - 07 to 2022 -01 - 14) instead of only single dates, enhancing data interpretation and analysis. This feature is configurable at the model level and extends to other time granularities such as monthly and yearly. Date ranges are pre-served in all exports (XLS, PDF, PPT) and are available via tooltips when space is limited. The date format adapts to language settings and handles year transitions.

Enhance card visualizations with New List view option

WhizAI now supports enhanced card designs on the Explorer and Pinboard.

These updated card designs feature a cohesive look for single and multi-metric variance cards,with font and layout improvements for better readability.

WhizAI has also introduced a new **View as List** visualization option, allowing users to display data in a single-row format. This option is available across both Explorer and Pinboard, ensuring a consistent user experience when interacting with data.

Merge axes for metrics with identical units of measure

WhizAI introduces a new global configuration option, **Merge axes for metrics with the same units**. When enabled, this feature automatically displays metrics with the same units of measure on a single scale by default whenever a new response is triggered in charts with multiple metrics.This reduces the need for users to manually merge axes for each response, improving chart readability and efficiency. Users can still unmerge axes if desired.

View certain dimensions in logical sequence

WhizAI now includes a feature to display certain dimensions in a logical order rather than alphabetical, making data more intuitive to navigate.

This enhancement reduces confusion and accelerates data interpretation during analysis. It empowers users to view data in the logical sequence that best suits their analytical needs, improving clarity and effi-ciency in data-driven decision-making.

> Important! To use this feature, configure the desired order in the data model loader file.

Enhance error messaging around metrics and computations

This feature ensures accurate management of metrics and computations by validating mappings and providing clear guidance when mismatches occur. If a query involves a computation not configured for a given metric, the system displays an error message—"**Computation and metric mismatch. Please try again with a valid combination**".

Pinboard filters display only the computations that are correctly mapped to each metric. For pinned cards with multiple computations, if you select a new metric that is not compatible with all the existing com-putations, only the compatible values will be displayed.

Display column totals in tables with time granularity

WhizAI now supports displaying column totals in tables that use only time granularity without dimen-sions. This enhancement addresses user demand for more comprehensive data insights. Totals appear

in metric columns for time granularities such as weekly and monthly, and they are also included in exports like XLS, PDF, and PPT.

Pinboards

Enhance section resizing and layout flexibility in Pinboards

WhizAI now enhances section resizing and layout flexibility in Pinboards. You can now create flexible sections in Pinboard design mode with both horizontal and vertical resizing. This enhancement enables you to place sections side-by-side, stack them, or resize them independently. This allows you to customize the layouts without overlap. The existing pinboards retain their original layout.

Enhance pinboard customization with new pinboard grid layout and section level options

WhizAI introduces a new **Pinboard Grid Layout** section below the Pinboard Title tab and a new sub-section, **Section Grid Layout** within the Object Formatting tab in Pinboard Design mode.
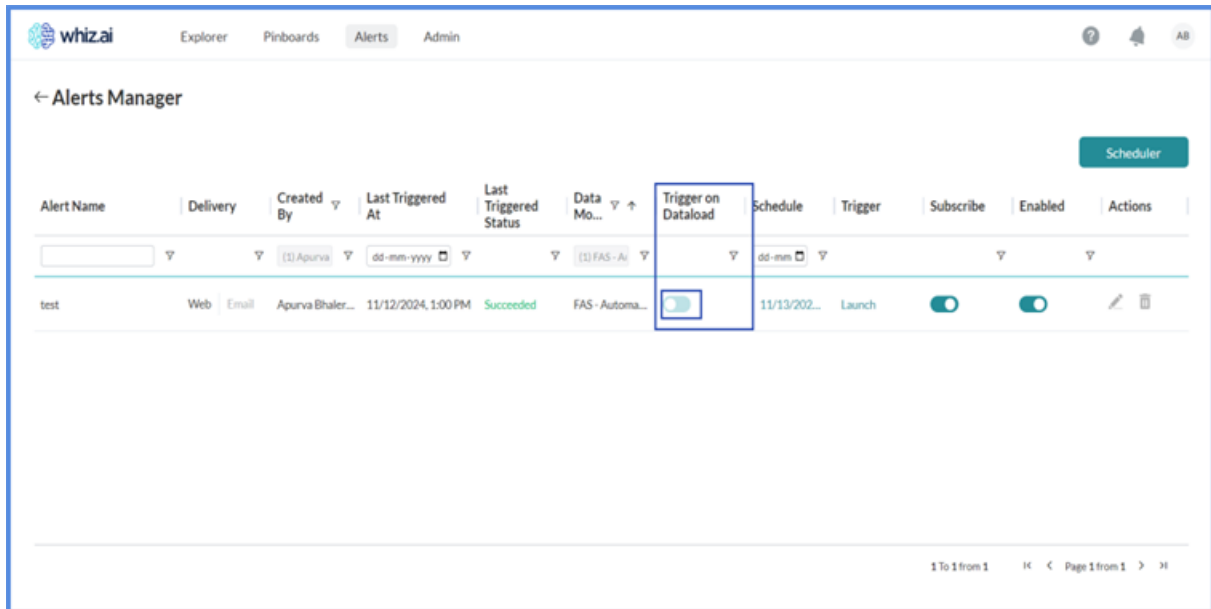
These updates provide control over grid columns, margins, grid type, and aspect ratios, while ensuring backward compatibility with existing pinboards.

A new Option to Manage Filter is added under the Object Visibility section, providing the ability to hide or show section-level filters. By default, Show filters link is visible.

Alerts

Enhance alert triggering on data load

WhizAI now introduces the Trigger on Dataload column on the Alerts Manager page. By default, alerts trigger automatically each time data is ingested. With this new toggle, users can disable automatic alert triggering during data loads. This enhancement provides greater flexibility and control over alert notifications related to data ingestion events.

Enhance audit logging to capture alert manager clicks

WhizAI enhances audit logging by capturing every click on the Alert Manager tab. This enhancement improves the user action tracking and provides better insights into feature usage.

You can access and review these audit logs through the module-specific actions listed on the Admin page under the Performance Monitor menu.

ExplAIn

Import/export template across environments

You can now seamlessly transfer templates for anomalies, key drivers, and knowledge graphs across different environments like Dev, QA, UAT, and Production.

With this release, you can export templates from one environment and import them into another, eliminating the need for manual recreation.

This import/export functionality is available to users with Explain workbench permission and is compatible across environments with the same data model.

The import process includes validations, such as checks for missing data models, metrics, factors, and duplicate template warnings.

Limitations

When you import any ExplAIn template but do not have access to certain metrics or dimensions, the system proceeds with the import process. Restricted metrics or dimensions are excluded without notification.

Save as New Template option for templates

Now, you can open an existing anomaly, key driver, or knowledge graph template in edit mode and create a new copy with just one click. You can also make small adjustments to existing templates and experiment with different variations to analyze their outcomes.This feature simplifies the process of reusing and customizing templates without modifying the original.

Update anomaly detection algorithm

WhizAI now updates the PoP (Period-over-Period) percentage change anomaly type to a PoP absolute change model. This enhancement introduces a new, more accurate underlying logic for identifying anomalies. As part of this update, we are deprecating the PoP percentage change algorithm. For backward compatibility, any existing templates using the PoP percentage change will automatically transition to the PoP absolute change algorithm upon activation.

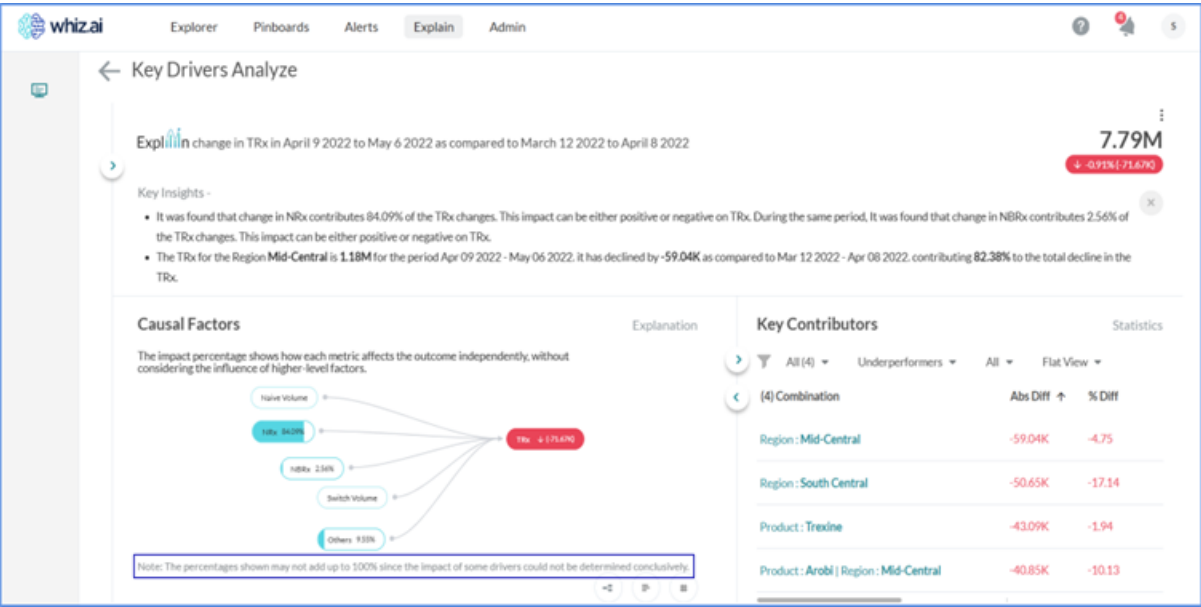## Validate key driver analysis templates and knowledge graph

WhizAI now checks templates to ensure all metrics and dimensions are valid. When you open a template in the workbench, the system looks for any invalid metrics or dimensions. If it finds any, it displays an error message saying that a metric or dimension is no longer valid for the template or knowledge graph.

A similar validation is triggered when you click the Analyze button on the Explain workbench, ensuring that invalid factors are flagged with the same clear messaging.

This enhancement helps maintain accuracy and consistency across all templates and analysis.

Causal analysis - Show message when Impact% does not add up to 100%

In causal analysis outcomes, the total outcome percentages may not add up to 100% due to undetermined impacts from certain factors. Now, when this happens, a note will be displayed to explain that the impact of some drivers cannot be determined conclusively. This enhances transparency and provides a clearer understanding of your analysis results.

Admin

Implement user level access control to hide the Alerts tab

WhizAI now introduces access control to hide the Alerts tab from users who lack specific alert permissions. This feature ensures that only authorized users can view the tab, create, edit, or delete alerts, manage alerts and related functions, and receive notifications.

Additionally, when assigning subscribers in the Create Alerts window, only users with alert permissions will appear in the recipient list.

Known Issues

This section details the known issues in the current release (2024.77).

Visualization

Identifier	Description
WZ-35175	The period filter in Alerts does not currently support custom date entry for advanced filtering scenarios
WZ-37622	The vertical scroll bar displays inconsistently in sections, even with three cards, causing random behavior in design mode
WZ-37706	The "Save Changes" button stays hidden when you apply changes to pinboard filters, if you disable"Show Filters by Default" toggle in Design mode.
WZ-37713	Setting the "Default View" to "Collapsed" and disabling the "Toggle Option to Expand/Collapse" in Design mode leaves the section collapsed without any visible option for users to expand it on the pinboard.
WZ-37884	Tooltips do not display the complete date range when you hover over X-axis dates in Column or Bar charts, both in expanded and collapsed card views.
WZ-38067	In Design mode, imported pinboards incorrectly display a red border around cards, even when they are not overlapping.
WZ-38150	In Design Mode, the custom layout of card is not retained when the card is removed card from the section.
WZ- 37884	Data point labels on the X and Y axes may be partially hidden or truncated when viewport space is limited. However, hovering over a data point label will display a tooltip with the full name and associated details.
WZ- 38425	When the hierarchy structure is expanded in either vertical or horizontal layout, the downloaded image of the hierarchy chart visualization displays incomplete data.

Explain

Identifier	Description
WZ-38217	Period over period option on the card is distorted
WZ-38337	Anomaly NLQs with keyword "unexpected changes"give error.
WZ-38123	When a card includes both actual and prediction data, it displays timestamps for the prediction data.

Admin

Identifier	Description

WZ-36246	Audit logs do not capture changes to the service configurations.
WZ-35816	Entity synonyms are generated only for the first dimension selected from the Synonyms page in the Data Modeler. The additional dimensions selected as entity synonym dimensions do not generate synonyms.
WZ-38331	In the "Create Alert" window, additional dimensions under Data Controls are incorrectly selected by default in the "By Dimension" dropdown.
WZ-37332	Incorrect error message is displayed during GKE connection validation when an invalid path is provided.