

v1.3-R - R1 2022

Product Version	v1.3
Release Date	19/05/2022
Release Status	READY

Release Binary Location

http:\\172.30.58.7\\\$ProdAnalytics\\4sight_v1.3-R.zip

Release Features

Summary	Description
Support for MIN, MAX aggregation functions in Alerts	In Alerts, end user can define MIN, MAX aggregations for queries
Support for MIN, MAX aggregation functions in Widgets	In Widgets, end user can define MIN, MAX aggregations for metrics and custom sort
Enhancement to delete multiple Alerts from All Alerts page	In All Alerts page, end user will be able to select multiple Alerts & delete it.
Support for "Notify Every" option in Alerts	While configuring Alert, user can provide "Notify Every" option. Based on this value, alerts will be sent. Example: If Notify Every is configured as "1 Hour" but the condition is matching every 5 minutes, then alerts will be sent for every 1 hour only.
User can select the time field- while creating a dataset	While creating or editing a Dataset, user can select the time field of the Elasticsearch index.
Enhancement in Settings menu to provide Email regex for an account	"Regex pattern for Email address" can be configured in Settings menu instead of property file. So that, each account can have their own regex pattern
Feature to Export and Import Alerts	End user will have the below options in Alerts menu <ul style="list-style-type: none">• Export all alerts as a config• Export individual alerts as individual config• Import one or more alerts from config
Time field can have a checkbox to display or not in the edit column model.	Time field can have a checkbox to display or not in the edit column model.
UI Enhancement to align Export & Cancel button during individual export of Prediction Models	Import and Cancel button has to be aligned properly during individual export of Prediction Models
UI Enhancement to align Export & Cancel button during individual export of Search	Import and Cancel button has to be aligned properly during individual export of Search
UI Enhancement to align Export & Cancel button during individual export of Dashboards	Import and Cancel button has to be aligned properly during individual export of Dashboards
UI Enhancement to align Export & Cancel button during individual export of Widgets	Import and Cancel button has to be aligned properly during individual export of Widgets
UI Enhancement of edit column pop up in Search Canvas page	In Edit Column pop up, user will have the ability to search columns by name
Feature to Export and Import Datasets	End user will have the below options in Dataset menu <ul style="list-style-type: none">• Export all datasets as a config• Export individual datasets as individual config• Import one or more datasets from config
UI Enhancement in Dataset Canvas page	Below enhancements will be available in Dataset Canvas page <ul style="list-style-type: none">• Edit Dataset name• Edit Dataset description

- Edit index
- Select & Unselect all columns
- Search for Column names

Enhancement to delete multiple Datasets from All Datasets page	In All Datasets page, end user will able to select multiple Datasets & delete it.
Enhancement to delete multiple Predictions from All Predictions page	In All Predictions page, end user will able to select multiple Predictions & delete it.
Enhancement to delete multiple Searches from All Searches page	In All Searches page, end user will able to select multiple Searches & delete it.
Enhancement to delete multiple Dashboards from All Dashboards page	In All Dashboards page, end user will able to select multiple Dashboards & delete it.
Enhancement to delete multiple Widgets from All Widgets page	In All Widgets page, end user will able to select multiple Widgets & delete it.

Showing 20 out of 22 issues

Defects Fixed

Summary	Description
[/widget/getAttachedDashboards API]:When Invalid widget id's are passed with valid widgets ids then error to be thrown instead of 200 success	<p>[/widget/getAttachedDashboards API]:When Invalid widget id's are passed with valid widgets ids then error to be thrown instead of 200 success.</p> <p>API REQUEST:http://18.233.84.37/4sight/api/widget/getAttachedDashboards?widgetId=58,87</p> <p>VALID WIDGETS IDS TO BE PASSED: 57.58,59 and 60.</p> <p>ACTUAL:200 Response with { "dashboards": ["api test"] }</p> <p>EXPECTED: Invalid Widgets ids or any relevant error message.</p>
Dataset name has to be validated and appropriate error message has to be thrown during Dataset creation	While creating a Dataset, the name of the Dataset has to be validated. If invalid value is provided then error message has to be thrown
Search name has to be validated and appropriate error message has to be thrown during Search creation	While creating a Search, the name of the Search has to be validated. If invalid value is provided then error message has to be thrown
Dashboard name has to be validated and appropriate error message has to be thrown during Dashboard creation	While creating a Dashboard, the name of the Dashboard has to be validated. If invalid value is provided then error message has to be thrown
Widget name has to be validated and appropriate error message has to be thrown during Widget creation	While creating a Widget, the name of the Widget has to be validated. If invalid value is provided then error message has to be thrown

5 issues

Known Issues

Summary	Description
Alignment issue in dashboard canvas	Alignment issues are observed in the dashboard canvas.
[Dashboard]:On drag and drop of the widgets the application becomes irresponsive and unable to perform any actions	<p>[Dashboard]: On drag and drop of the widgets the application becomes irresponsive and unable to perform any actions.</p> <p>4Sight_QA Environment details</p> <p>PLATFORM : AWS JAVA VERSION :OpenJDK Runtime Environment (AdoptOpenJDK)(build 1.8.0_232-b09) Browser :Chrome Version 90.0.4430.72 (Official Build) (64-bit) Resolution :1366*768(recommended)</p> <p>STEPS TO REPRODUCE:</p> <ol style="list-style-type: none"> 1.Launch 4Sight login page with valid account name and login to the application with valid admin role user credentials. 2.Create datasets according to the configuration of the server. 3.Create the widget by mapping the SStep 2 dataset and provide the values at the fields and save the widgets.

- 4.Create dashboards and select the widgets created at STep3.
- 5.Save the dashboard.
- 6.Edit the dashboard of STep 5.
- 7.Drag and drop the widgets.
- 8.Observe the behaviour.

ACTUAL:Application becomes irresponsive and unable to perform any action.
EXPECTED:Upon drag and drop the application should not be irresponsive and able to perform any action.

[Dashboard]:When dimensions are defined for the template and saved ,Then blank screen is seen

[Dashboard]:When dimensions are defined for the template and save ,Then blank screen is seen.

4Sight_QA Environment details

PLATFORM : AWS
JAVA VERSION :OpenJDK Runtime Environment (AdoptOpenJDK)(build 1.8.0_232-b09)
Browser :Chrome Version 90.0.4430.72 (Official Build) (64-bit)
Resolution :1366*768(recommended)

STEPS TO REPRODUCE:

- 1.Launch 4sight login page with the valid account name.
- 2.Login to the application with a valid admin role user credentials.
- 3.Create a dataset based on the configuration.
- 4.Create the widgets with the required dataset configurations and save them.
- 5.Create the dashboards with selecting the template and widgets.
- 6.Define the dimensions for the template and save them.

ACTUAL: Blank page is seen on save of the settings of the widget.
EXPECTED: Widgets to be shown.

3 issues

Work Around

Summary	Description
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No issues found

Limitations of the Product

Summary	Description
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The portal is expected to minimum of 1366*768 resolution for the better alignment of UI components and zoom in & zoom out can cause improper alignment

- Support better alignment with 1366 * 768 resolution
- Zoom in and Zoom out of the browser can cause alignment issues.
- Not supporting the responsive web design and there may be improper alignment when the browser having any download notification bar below or any chrome notification bar on top.

1 issue

Additional Information

1. In Non HA deployment, all 4Sight components will be started automatically during server restart.
2. In HA deployment, except MariaDB & Keycloak all other 4Sight components will be started automatically during server restart.
 - a. While starting MariaDB & Keycloak manually. MariaDB has to be started before Keycloak.
 - b. To start MariaDB master master setup
 - i. Start the Galera cluster & MariaDB in 4Sight Server instance
 - ii. Start MariaDB in 4Sight ML & Server instance
 - c. If errors encountered in previous step then execute the below steps
 - i. Open the file "**/var/lib/mysql/grastate.dat**"
 - ii. Check the value of seqno in both instance file.
 - iii. If value of seqno is not equal in both the instances change value of safe_to_bootstrap from 0 to 1 in the instance which has higher seqno value, then start the Galera cluster & MariaDB service in the instance which has higher seqno. Start the MariaDB service in other instance.

- iv. If value of seqno is equal in both the instances change value of safe_to_bootstrap from 0 to 1 in the any one of the instance, then start the Galera cluster & MariaDB service in which safe_to_bootstrap is updated. Start the MariaDB service in other instance.
- d. Start Keycloak in both the Instance.

Compatibility Notes