

Visualizations Using Kibana Lens

Follow the Simple Steps to create a Visualization:

Step 1:

Link to create a free account at elastic cloud (you can click the “google” button to use the google credentials provided by Kent State):

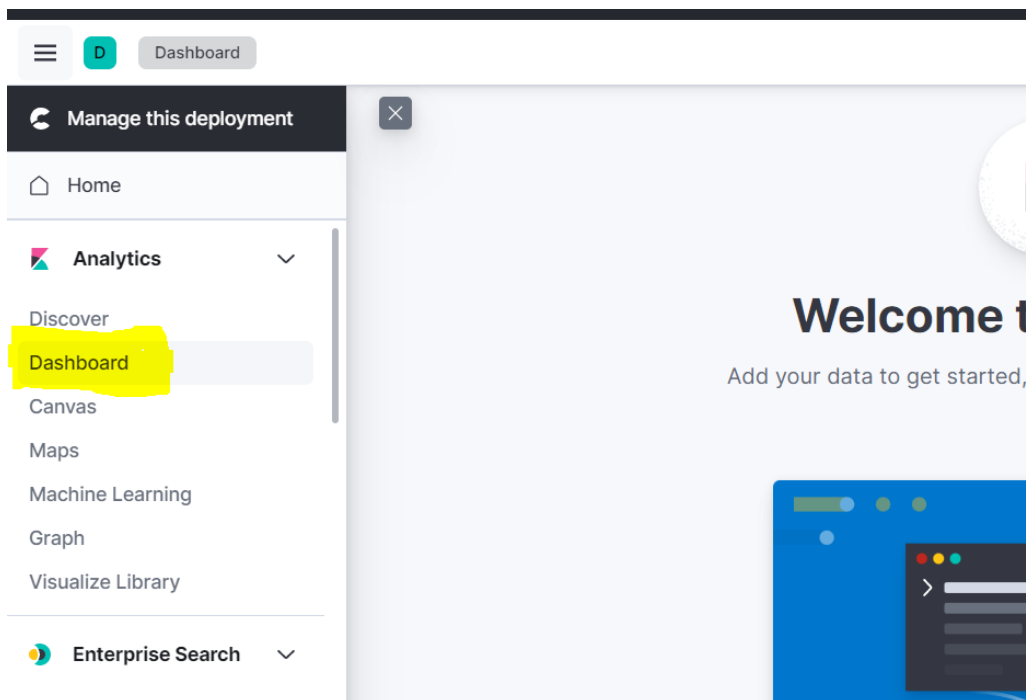
<https://cloud.elastic.co/registration?fromURI=%2Fhome>

Step 2:

Fill out the fields and create a deployment. It will be active for 14 days. Be sure to save your credentials.

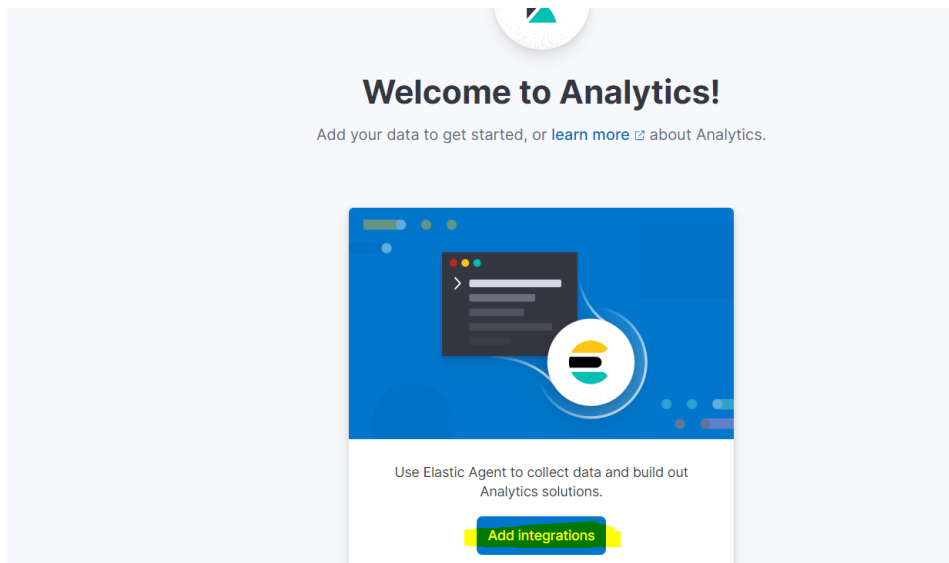
Step 3:

After getting into your deployed instance , Click on the menu option and select Dashboard, as shown in the Picture



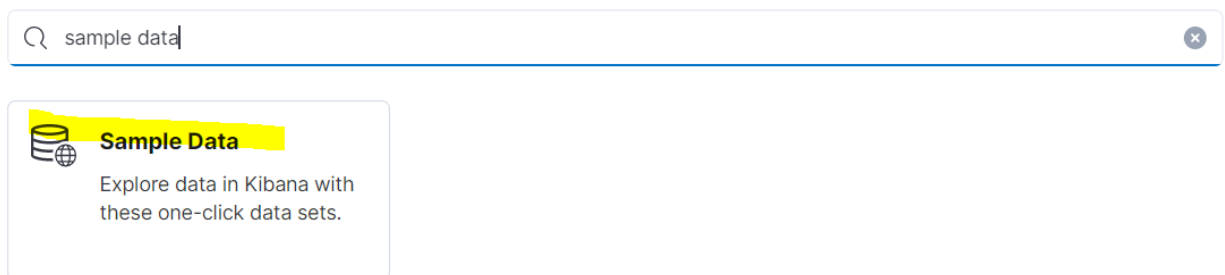
Step 4:

Click on the add integration button as shown



Step 5:

On the integrations page, search for “Sample Data” and click it.



Don't see an integration? Collect any logs or metrics using our [custom inputs](#). Request new integrations in our [forum](#).

Step 6

At the bottom of the sample data page, click the > to expand “Other Sample Datasets”

Click “Add Data” on sample web logs dataset.

[Sample data](#)

[Upload file](#)

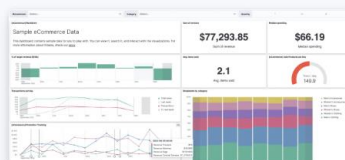
Explore our live demo environment

Browse real-world data in a demo environment where you can explore search, observability, and security use cases like yours.

[Start exploring](#)



Other sample data sets



Sample eCommerce orders

Sample data, visualizations, and dashboards for tracking eCommerce orders.

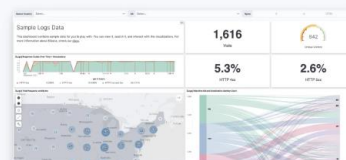
[Add data](#)



Sample flight data

Sample data, visualizations, and dashboards for monitoring flight routes.

[Add data](#)



Sample web logs

Sample data, visualizations, and dashboards for monitoring web logs.

[Add data](#)


Step 7:

When the data has loaded, click on the “View Data” button, and select Dashboard from the list to enter Kibana Dashboards.

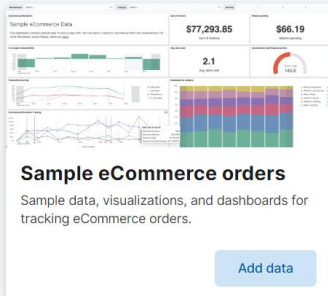
[Sample data](#)
[Upload file](#)

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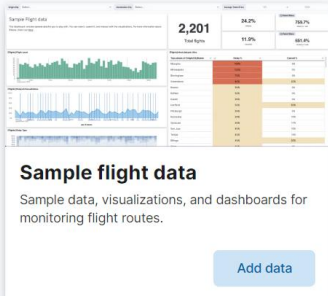
Other sample data sets



Sample eCommerce orders

Sample data, visualizations, and dashboards for tracking eCommerce orders.

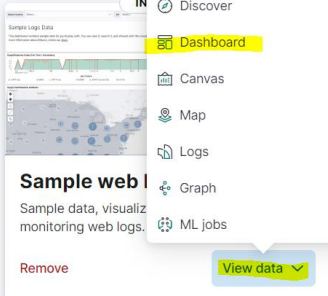
[Add data](#)



Sample flight data

Sample data, visualizations, and dashboards for monitoring flight routes.

[Add data](#)



Sample web logs

Sample data, visualizations, and dashboards for monitoring web logs.

[View data](#)

You'll see the sample dashboard for the web data.

On the sidebar menu, Click Dashboards, then Click on create dashboard

D

Dashboards

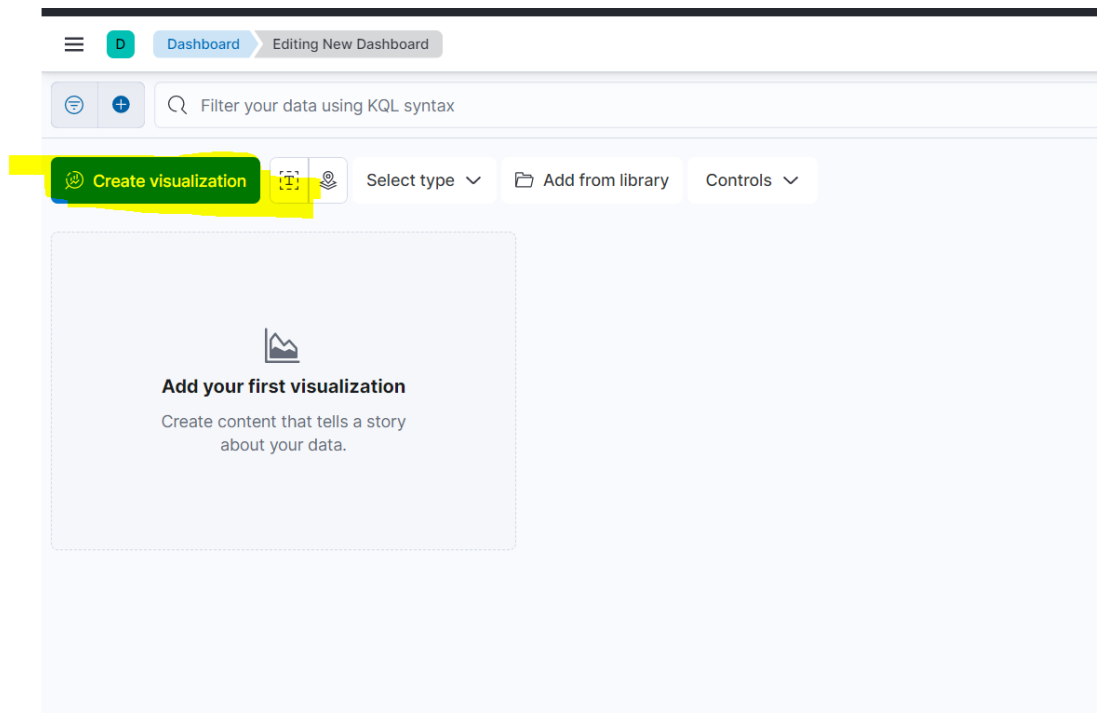
Create dashboard

Search...

Recently updated Tags

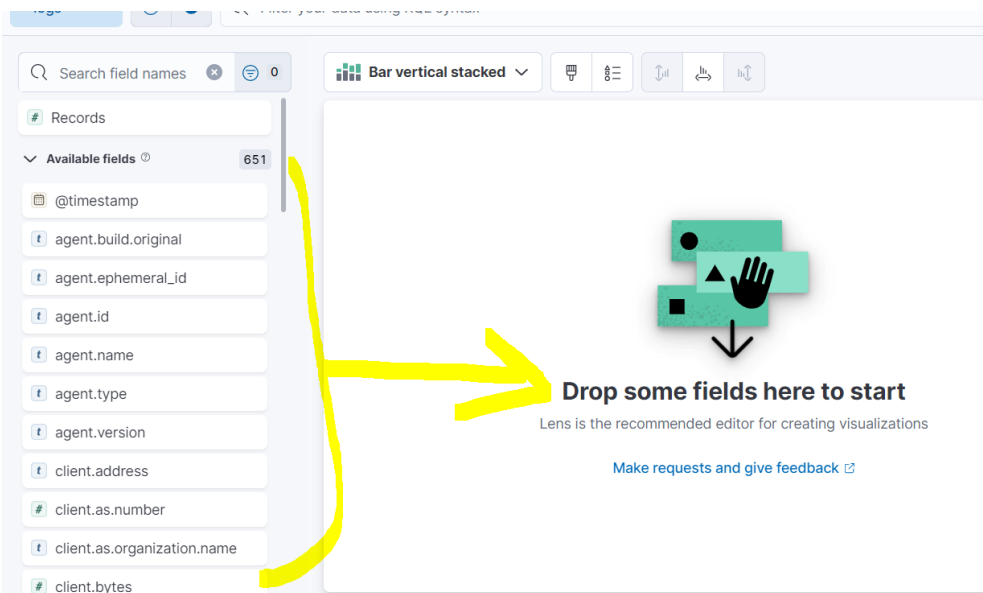
<input type="checkbox"/> Name, description, tags	Last updated	Actions
<input type="checkbox"/> [Logs System] New users and groups New users and groups dashboard for the System integration in Logs	6 minutes ago	
<input type="checkbox"/> [Logs System] Sudo commands Sudo commands dashboard from the Logs System integration	6 minutes ago	
<input type="checkbox"/> [Logs System] SSH login attempts SSH dashboard for the System integration in Logs	6 minutes ago	
<input type="checkbox"/> [System Windows Security] User Management Events User management activity.	6 minutes ago	
<input type="checkbox"/> [Metrics System] Host overview Overview of host metrics	6 minutes ago	

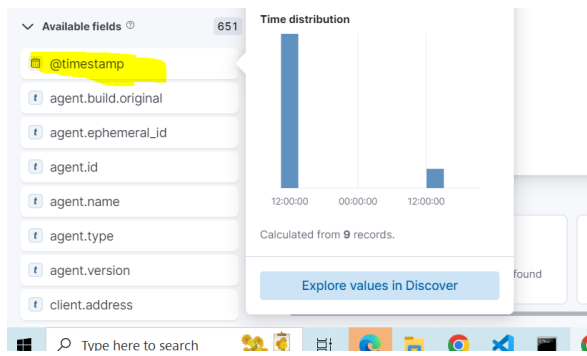
Step 8: Click on create Visualization



Step 9 : use the available sample data on the left side and create the visualization

Drag the “@timestamp” data field over into the visualization pane.





(when you click on the data you should be able to see analysis, only choose that dataset)

Step 10: Sometimes you may not get available data, so change the time period and get the data on left hand side.

Last 32 Hours Refresh

Quick select

Last 32 Hours Apply

Commonly used

Today	Last 24 hours
This week	Last 7 days
Last 15 minutes	Last 30 days
Last 30 minutes	Last 90 days
Last 1 hour	Last 1 year

Recently used date ranges

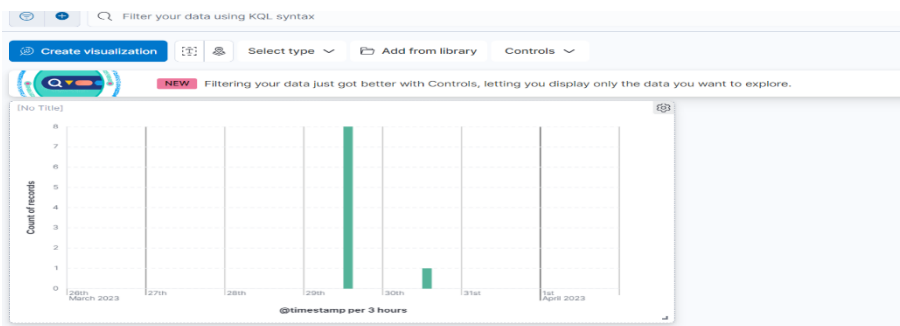
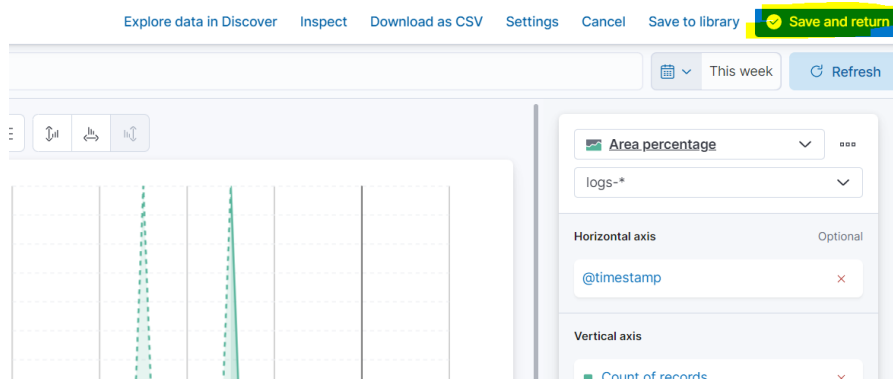
Last 32 hours

Refresh every 0 Seconds

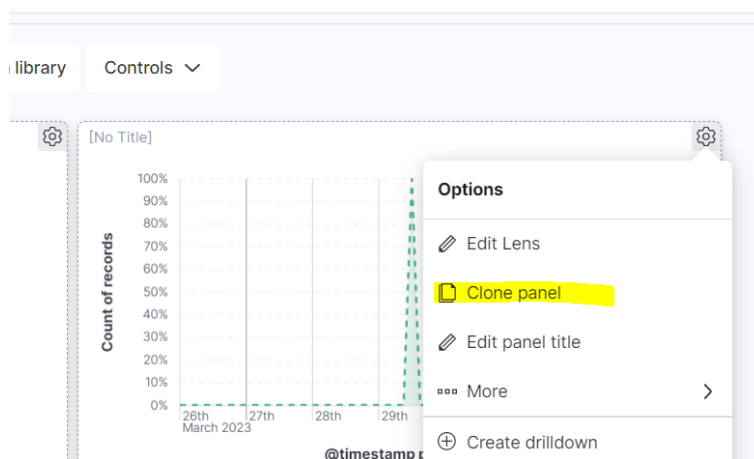
Add or drag-and-drop a field

Add layer

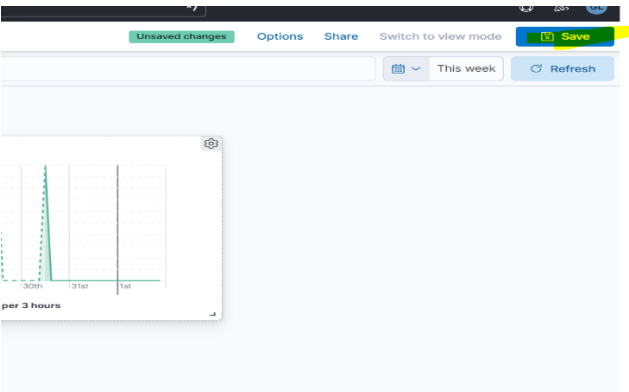
Step 11: after creating the visualization click on save and return. Then it will take you to the dashboard



Step 12: After getting into the dashboard, click on the “gear” (settings) symbol on the top-right corner of the visualization, such that you are able to see clone panel, where you can get the duplicate of that visualization. Change the second visualization to “Area” type and save it to the dashboard as shown in the pictures.



Save the dashboard. Name it mydashboard-{flashlineID} (fill in your flashline ID)



×

Save dashboard

Title

mydashboard-wreed6

Description

my dashboard

Tags

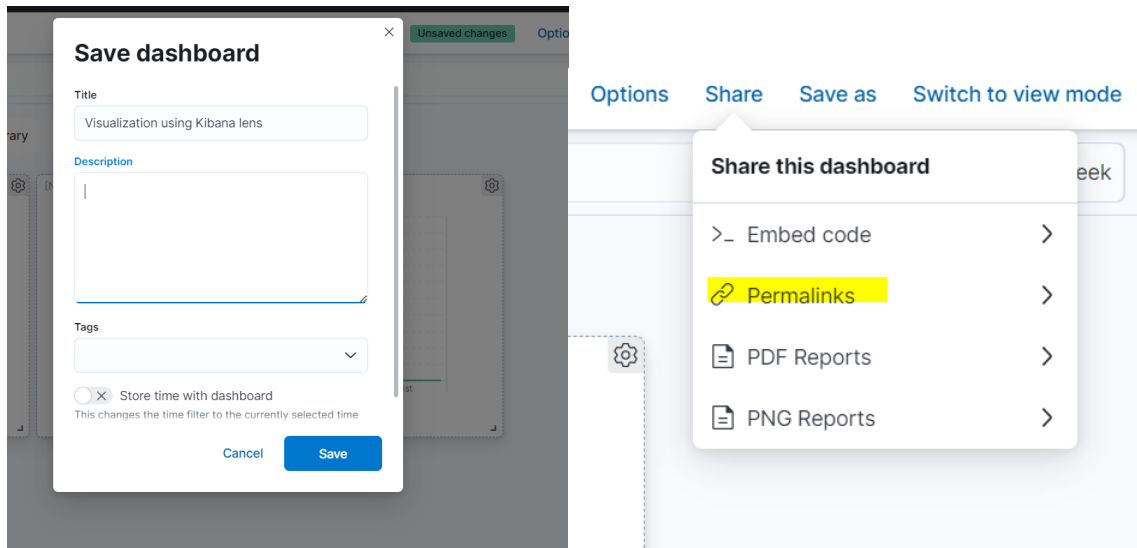
▼

☐ ☒ Store time with dashboard

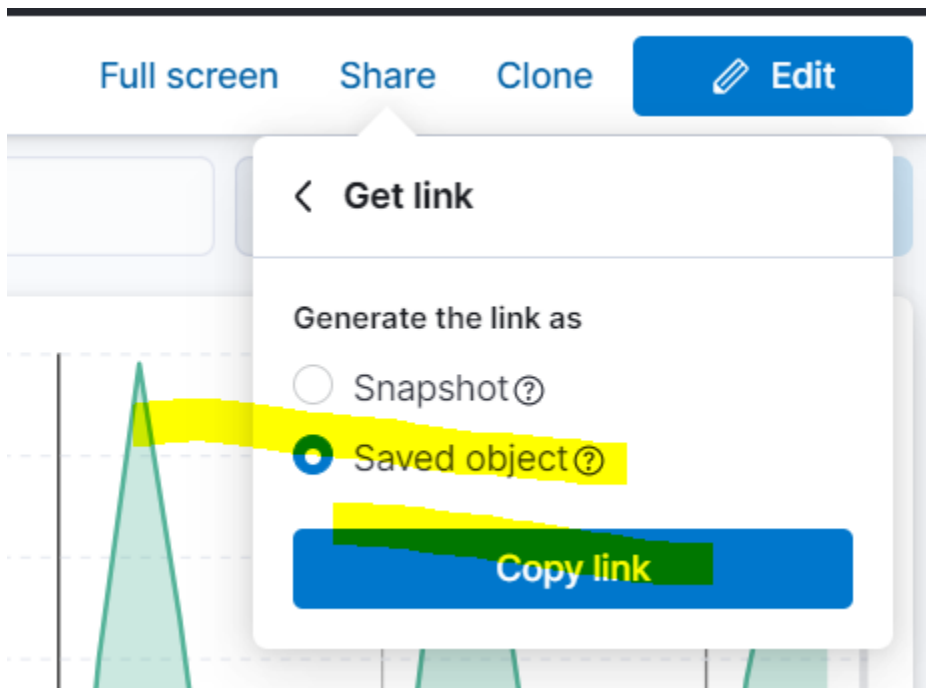
This changes the time filter to the currently selected time each time this dashboard is loaded.

CancelSave

Step 13: You are now able to see the share option on the top right, click on that and name your Dashboard “mydashboard-{flashineID}” and share your visualization in the Canvas.

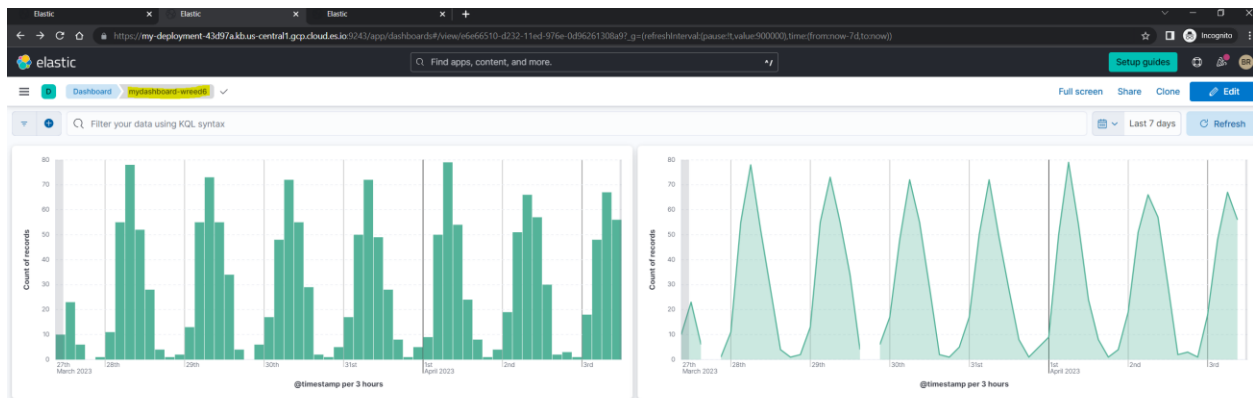


If permalink is not visible, use the “Saved Object” option to copy the link:



Step 14:

Submit a word document containing the link that you copied, as well as a screenshot of your dashboard (with your flashline ID clearly visible in the name as shown below) to canvas to receive credit for this assignment.



If you would like to download elastic stack on your machine for better experience (instead of using elastic cloud), follow the steps through the link mentioned below:

<https://dev.to/elastic/downloading-elasticsearch-and-kibana-macos-linux-and-windows-1mmo>