Kibabna overview

Kibana is to visualize the Elasticsearch data and navigate the Elastic Stack. Select the way to give shape to the data by starting with one question to find out where the interactive visualization will lead. Begin with the classic charts (histograms, line graphs, pie charts, sunbursts, and so on) or design visualization and add Geodata to any map. Searching Elasticsearch for specific log messages or strings within these messages is the bread and butter of Kibana. There is a new querying language called KQL (Kibana Querying Language). These are some stuff I perform for usage instruction. But there is a lot on the links.

- Discover
- Visualize
- Dashboard
- Settings

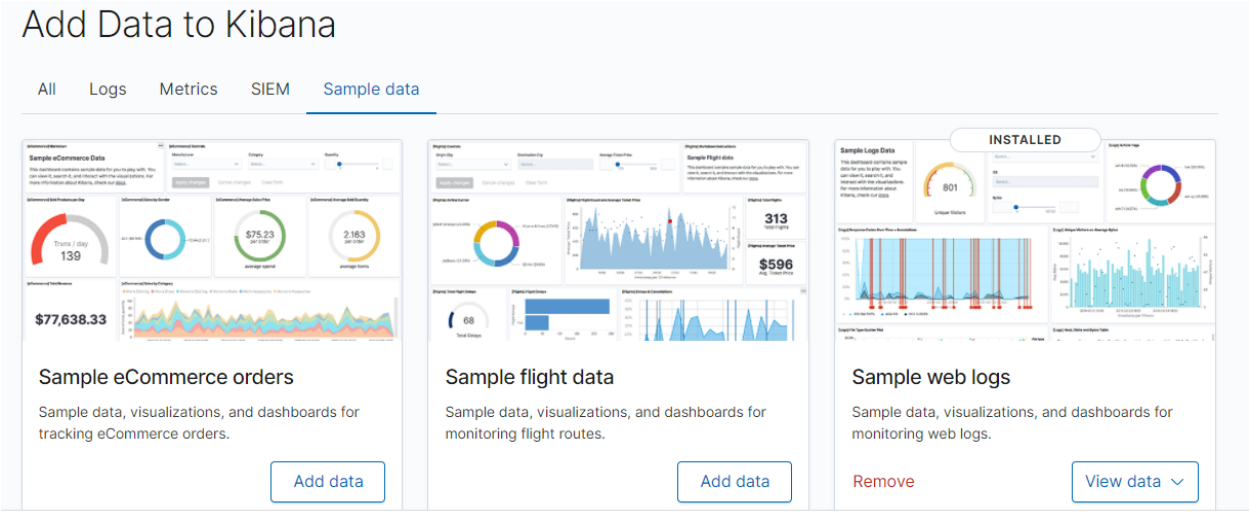
How to open Kibana

Step 1: - Login to the Azure portal
Step 2:- Turn on all the VMS and ELK VM to
Step 3: - Open a Browser and paste the link in this pattern [ELK-public-IP]:5601/app/kibana:
Step 4:- Once logged in the Kibabna dashboard will open

Add Sample Data

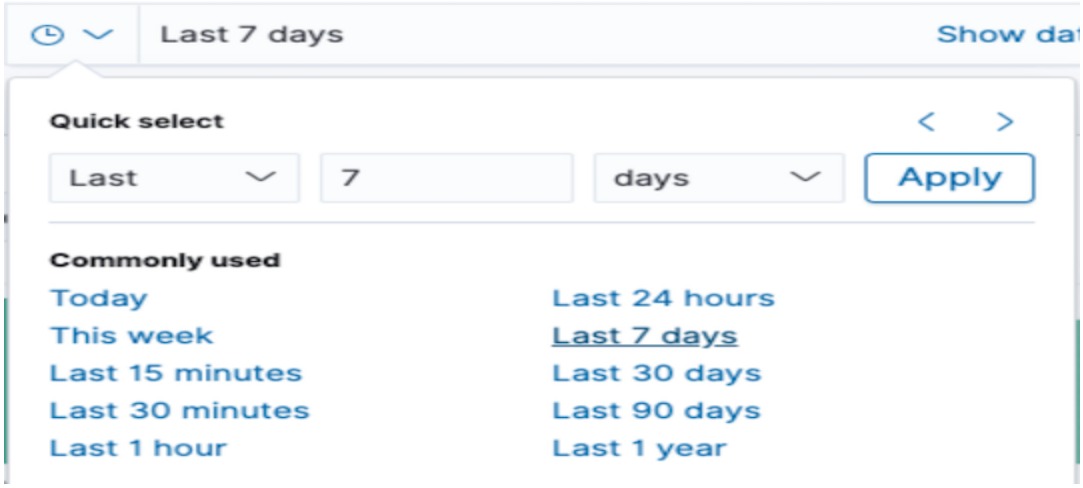
Sample data help to Visualize and investigate the functions of Kibana

1. On the home page, click Try our sample data.



Explore the Data

Data will be displayed over time and a table that lists the fields for each document that matches the index pattern. Able to filter the Data in timely maaner



Viewing the Data

Through this kibana dashboard collection panels can be used to view and analyze the data. Panels contain visualizations, Interactive controls, Text, and more.

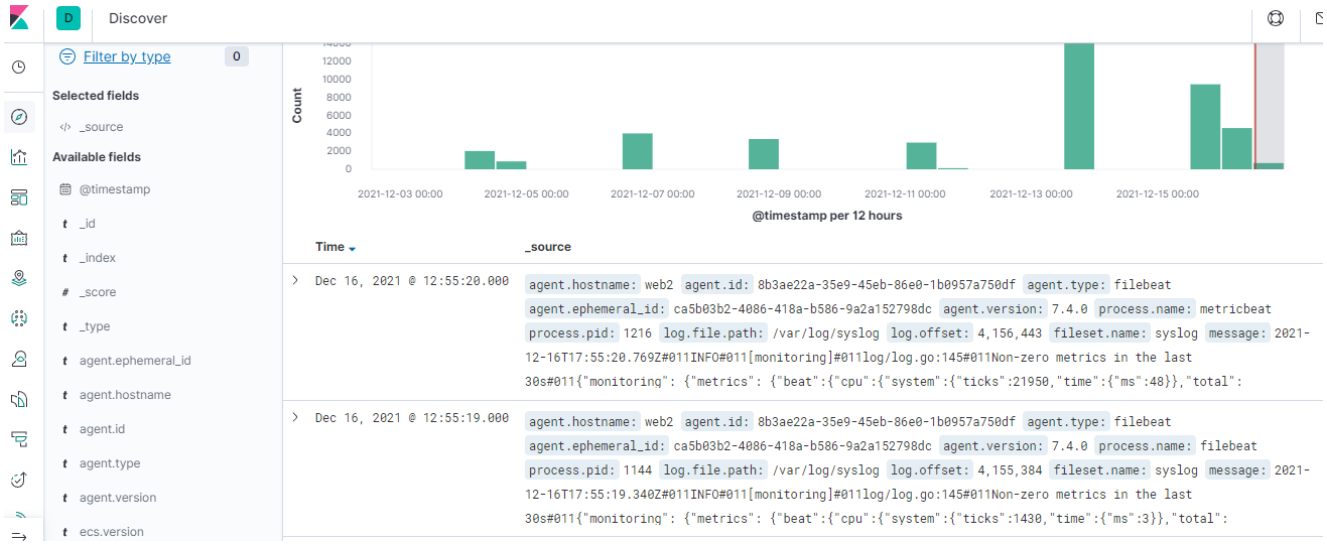
Create a visualization panel

Create a treemap panel that shows the top sales regions and manufacturers, then add the panel to the dashboard.

1. In the toolbar, click Edit.
2. On the dashboard, click Create visualization.

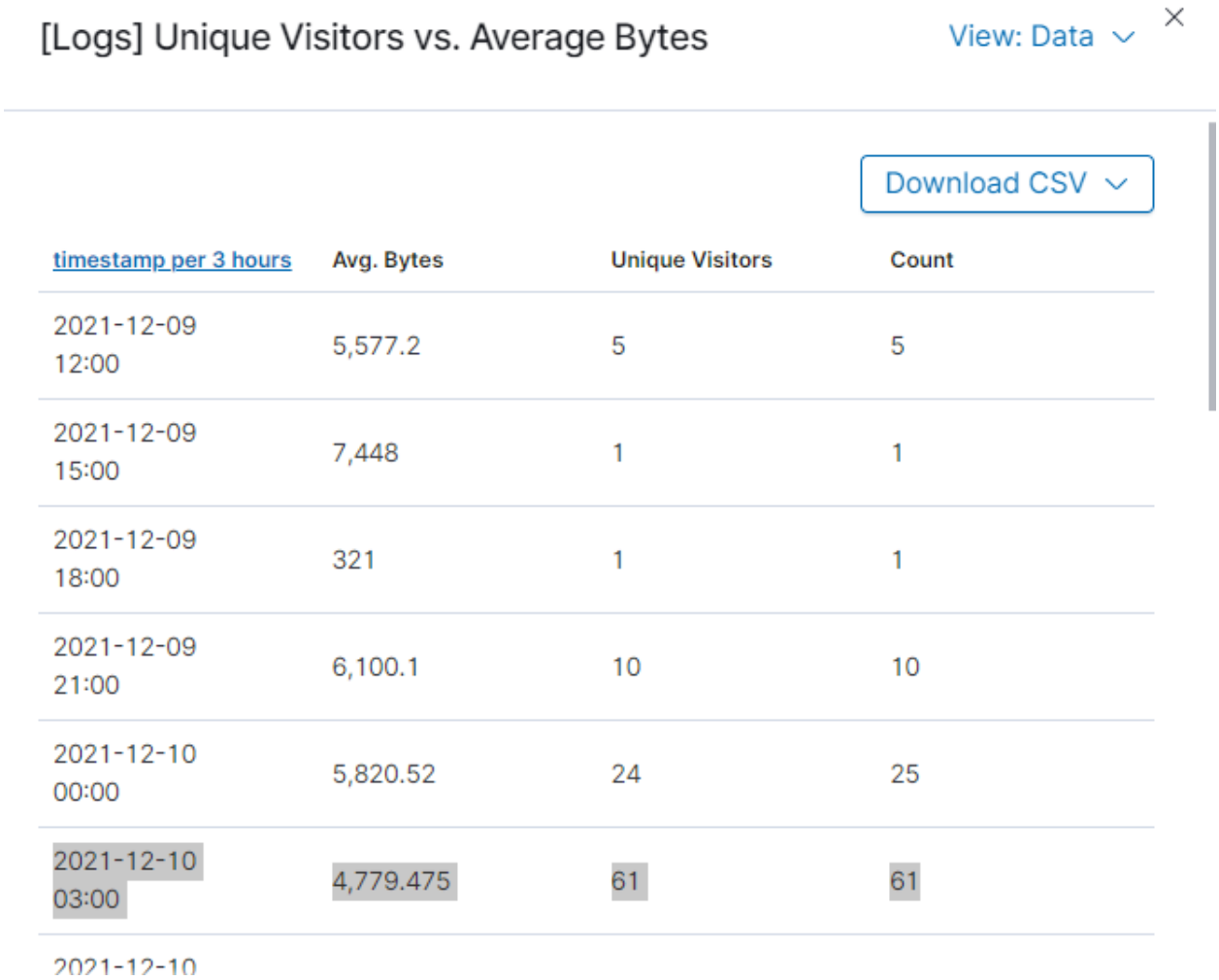
Time Stamps

Through Kibanana can check the data on a timely basis. Inspect Each value and the files that are receiving thorough telemetry.



Inspecting Each Data

Below it shows can inspect and able to download the data



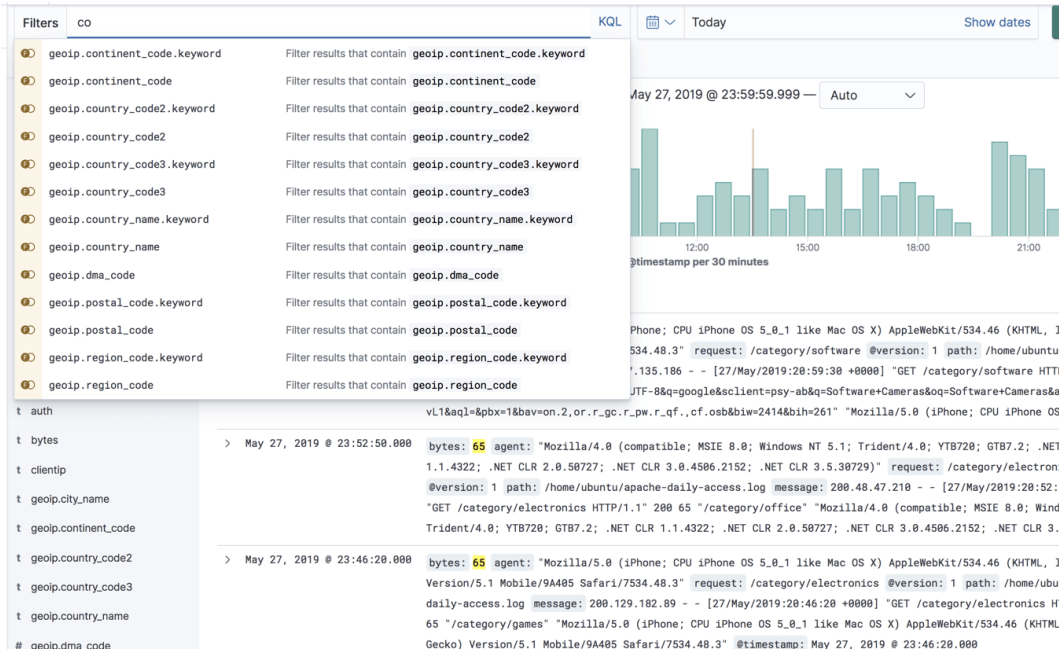
[Logs] Unique Visitors vs. Average Bytes

View: Data

Download CSV

timestamp per 3 hours	Avg. Bytes	Unique Visitors	Count
2021-12-09 12:00	5,577.2	5	5
2021-12-09 15:00	7,448	1	1
2021-12-09 18:00	321	1	1
2021-12-09 21:00	6,100.1	10	10
2021-12-10 00:00	5,820.52	24	25
2021-12-10 03:00	4,779.475	61	61
2021-12-10			

To improve the search experience in Kibana, the autocomplete feature suggests search syntax as enter the query. As a type, relevant fields are displayed. It will speed up the process in a simple method .



Links that we can use for usage Instruction

https://www.elastic.co/guide/en/kibana/current/discover.html
https://www.elastic.co/guide/en/kibana/current/index.html