SCK-Automation Work 2021

Kibana Dashboard

Explore, Visualize, Discover DATA

Last updated: Wednesday, October 20, 2021

2nd Day Agenda

- Import Data
- Complex Dashboard
- Design your Own Dashboard
- Source of Data
- Special Features

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Simple Dashboard

Visualized in The First Step

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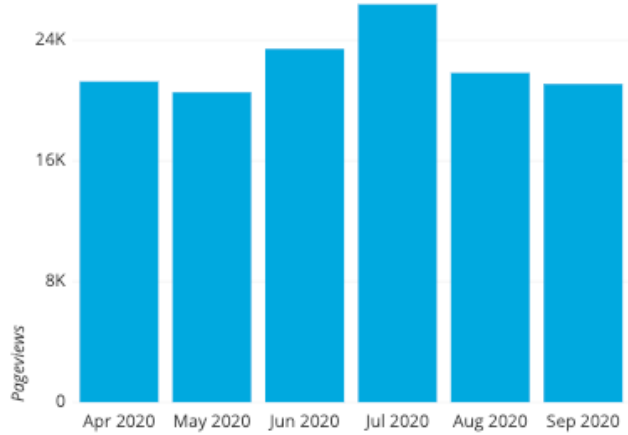
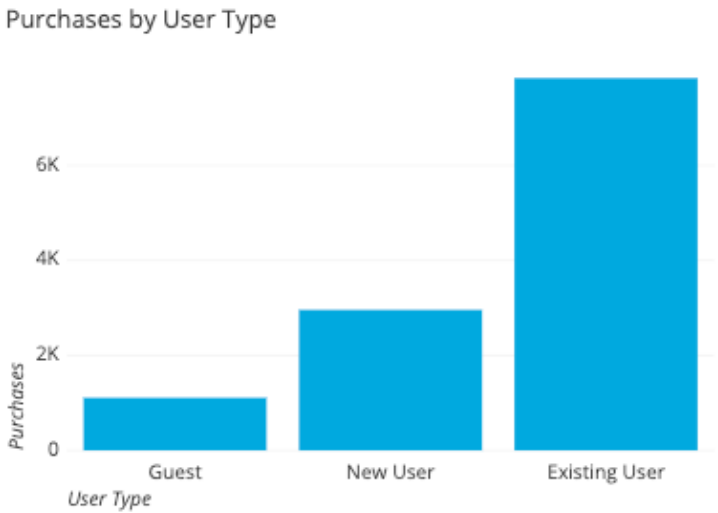
Kibana : Bar Chart





A bar chart is used when you want to show a distribution of data points or perform a comparison of metric values across different subgroups of your data. From a bar chart, we can see which groups are highest or most common, and how other groups compare against the others. Since this is a fairly common task, bar charts are a fairly ubiquitous chart type.

https://chartio.com/learn/charts/bar-chart-complete-guide/

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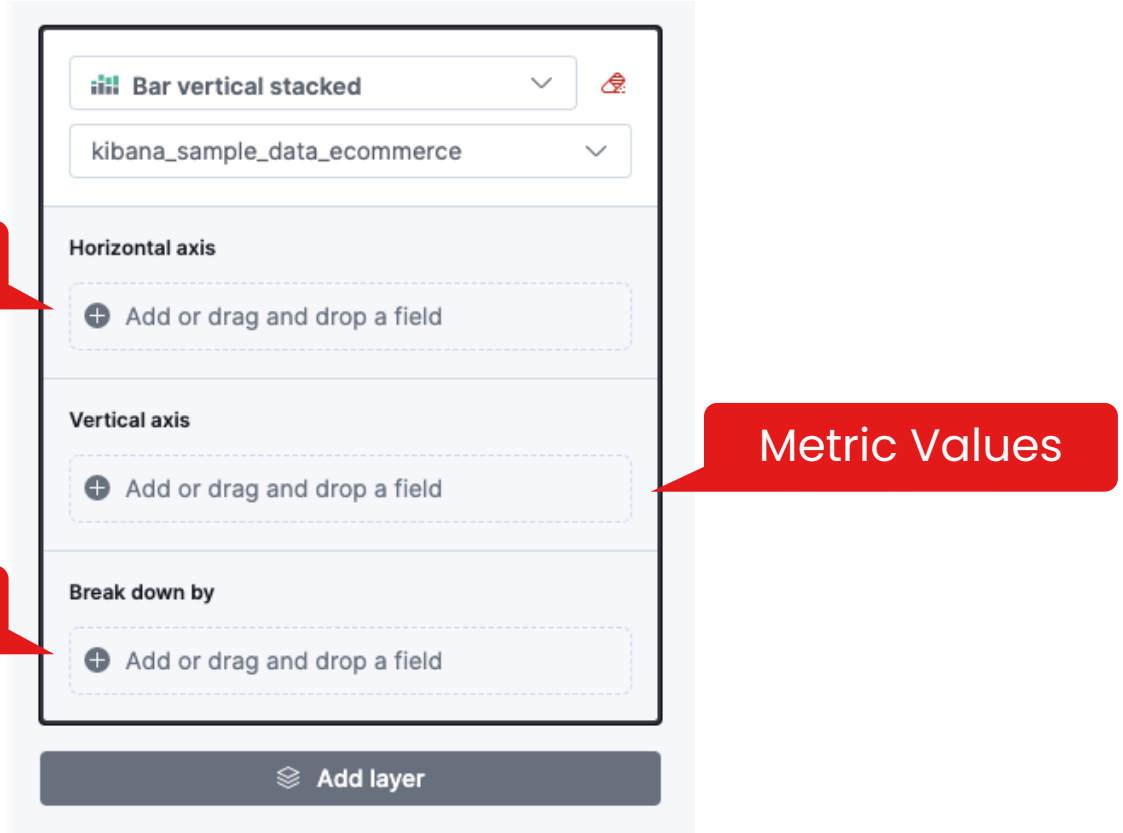
Kibana LEN : Bar Chart Properties



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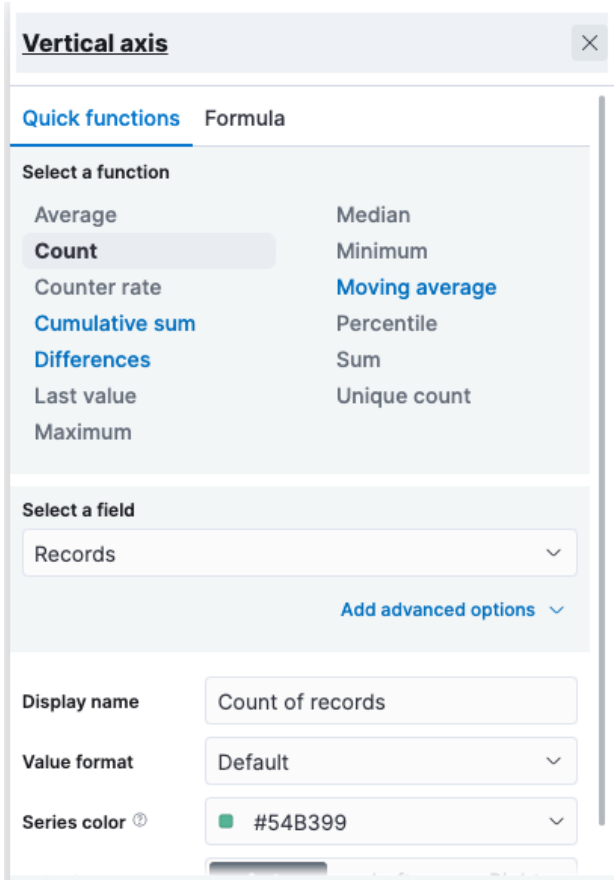
Kibana LEN : Vertical axis - Metric Values



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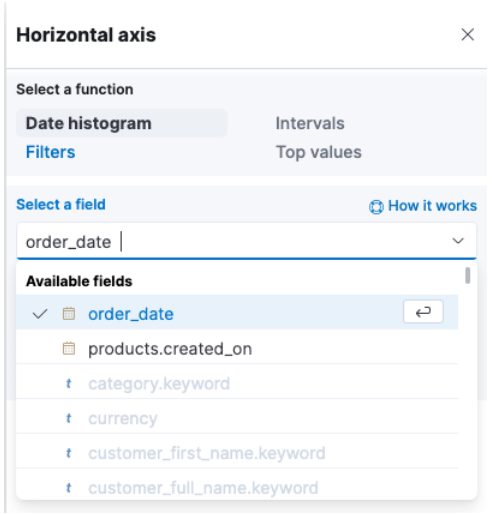
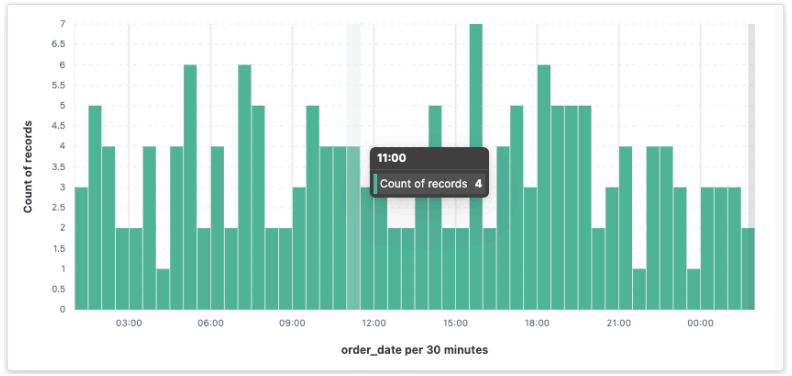
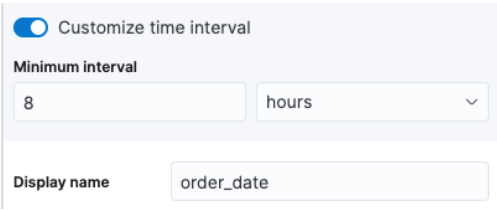
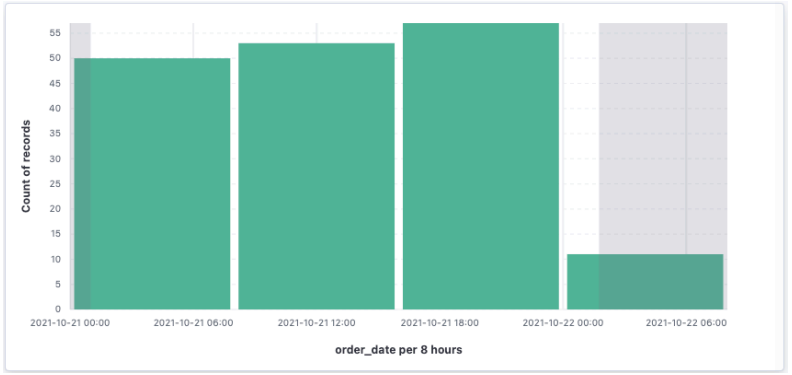
Kibana LEN : Horizontal axis - Date Histogram



Data type : date







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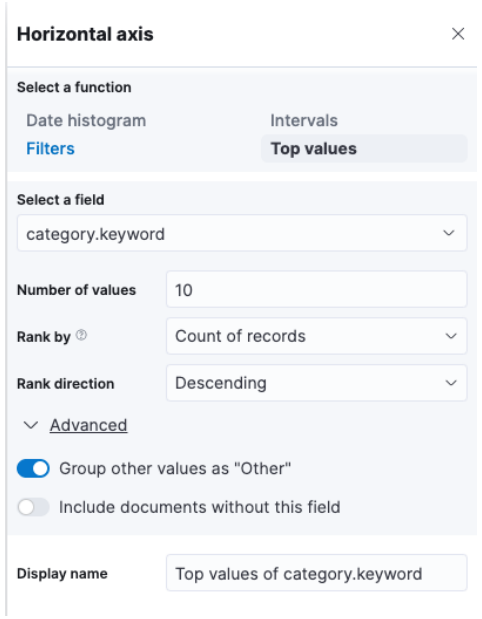
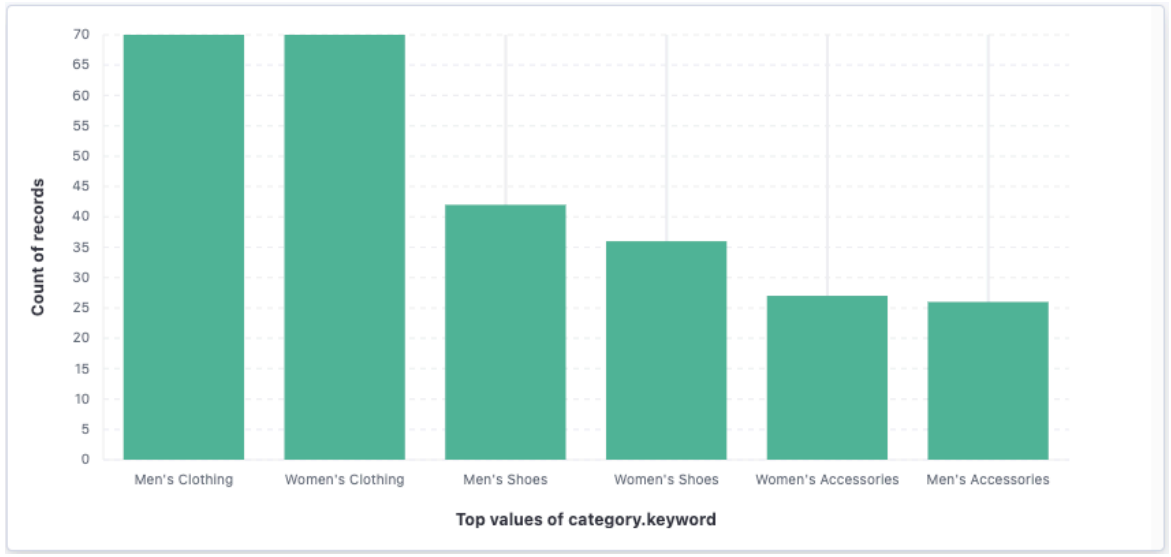
Kibana LEN : Horizontal axis - Top values





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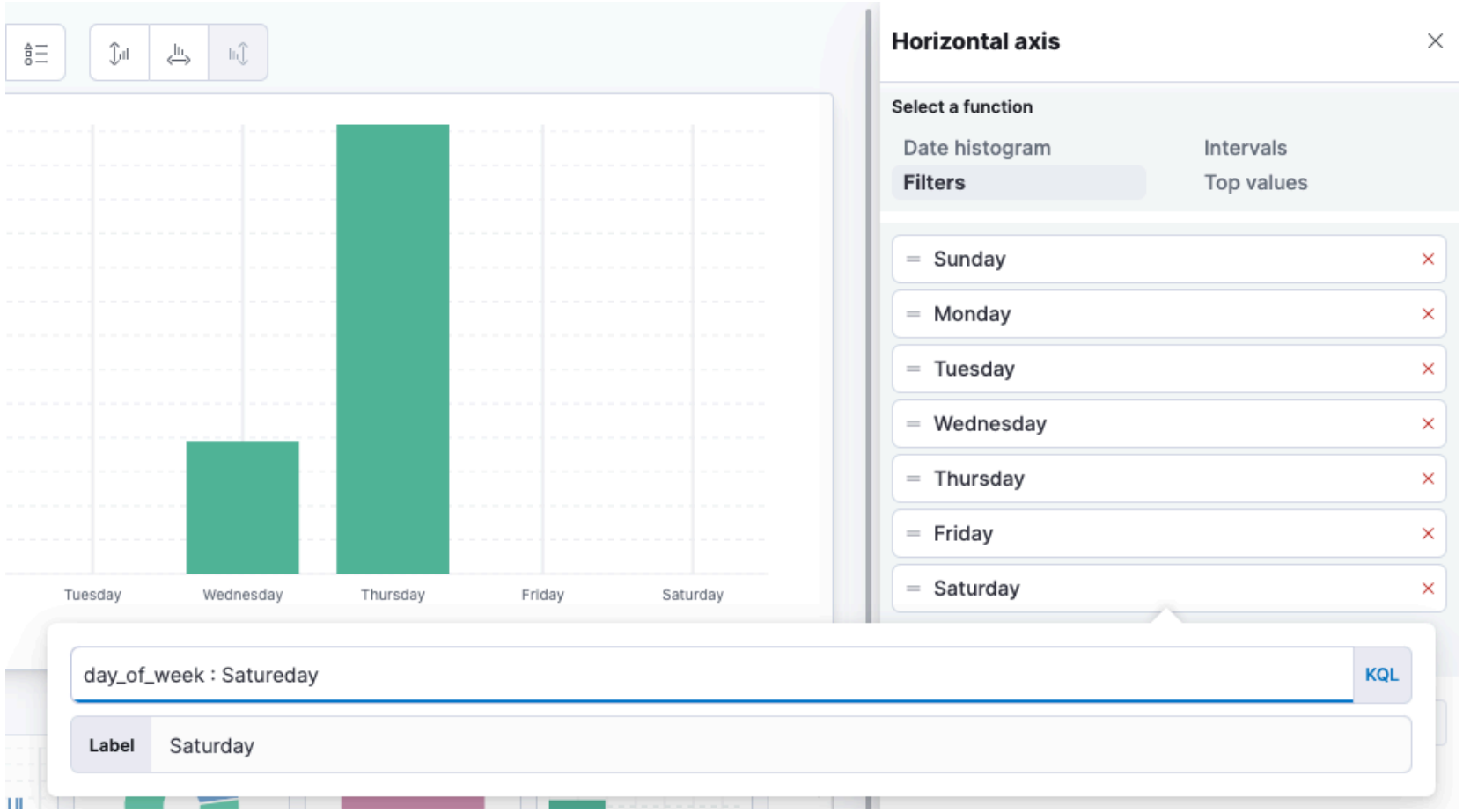
Kibana LEN : Horizontal axis - Filter



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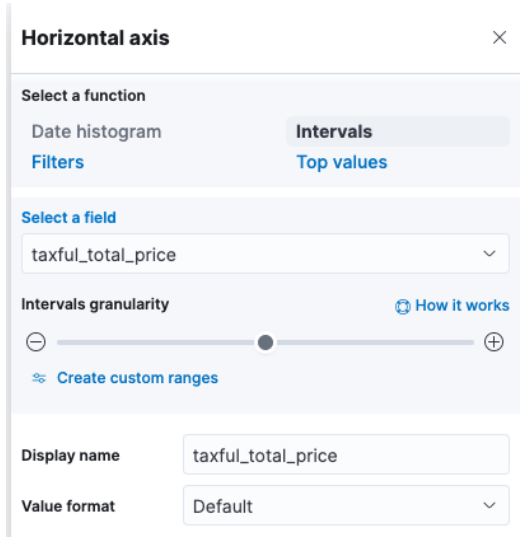
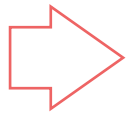
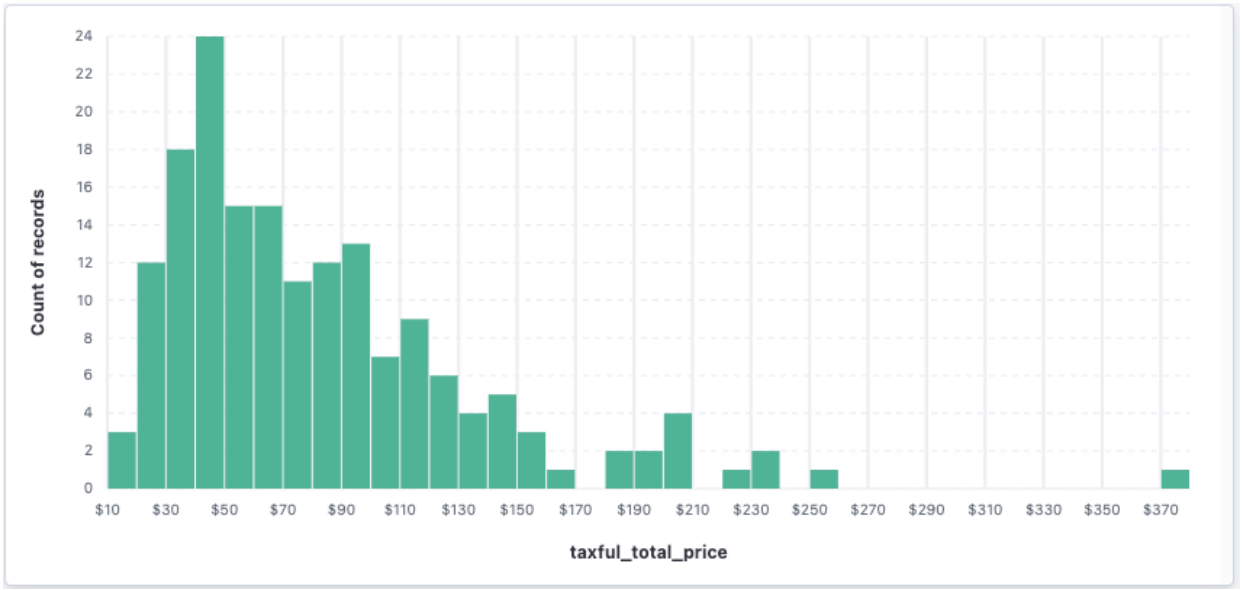
Kibana LEN : Horizontal axis - Interval







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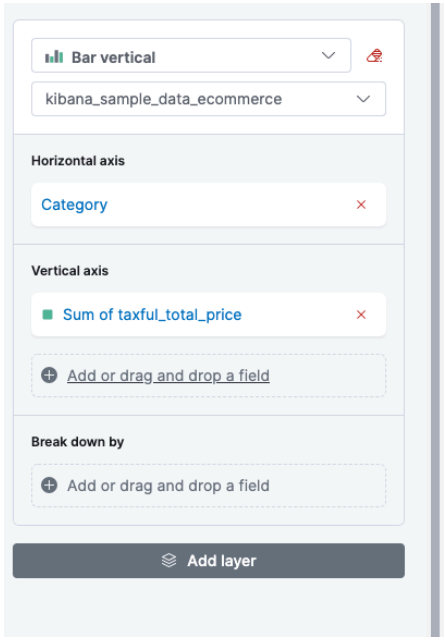
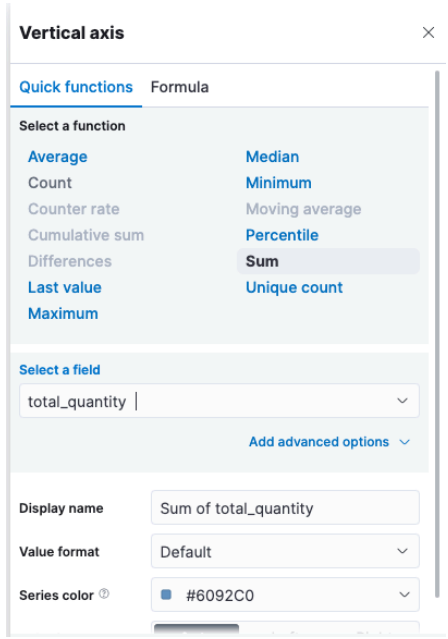
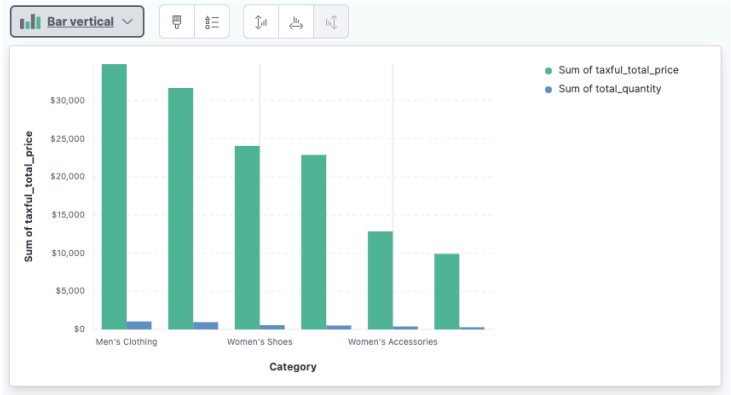
Kibana LEN : Add Another Vertical axis







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Kibana : Stacked Bar Chart

The stacked bar chart (aka stacked bar graph) extends the standard bar chart from looking at numeric values across one categorical variable to two. Each bar in a standard bar chart is divided into a number of sub-bars stacked end to end, each one corresponding to a level of the second categorical variable.

https://chartio.com/learn/charts/stacked-bar-chart-complete-guide/

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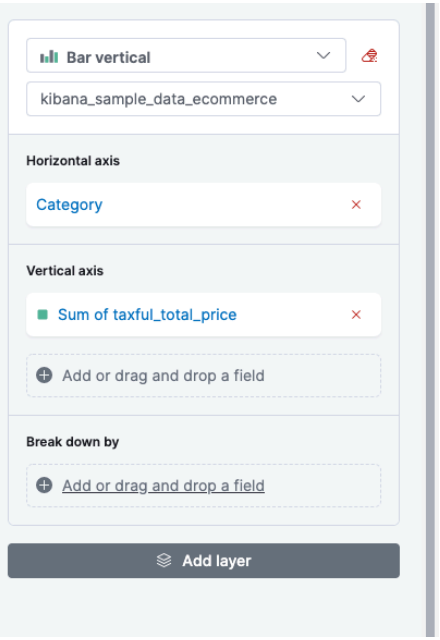
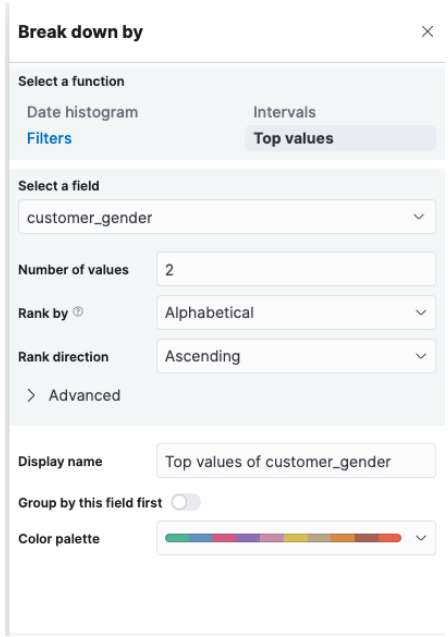
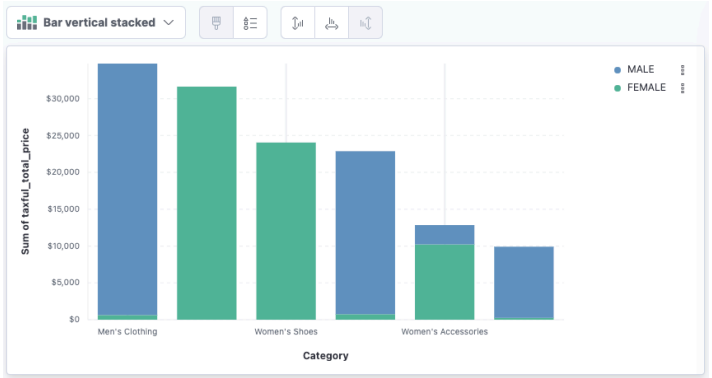
Kibana LEN : Break Down By







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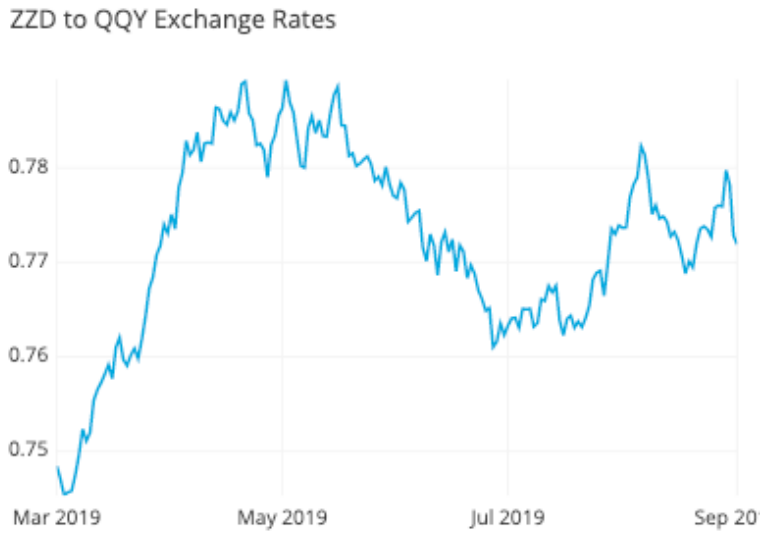
Kibana : Line Chart



A line chart (aka line plot, line graph) uses points connected by line segments from left to right to demonstrate changes in value. The horizontal axis depicts a continuous progression, often that of time, while the vertical axis reports values for a metric of interest across that progression.

https://chartio.com/learn/charts/line-chart-complete-guide/

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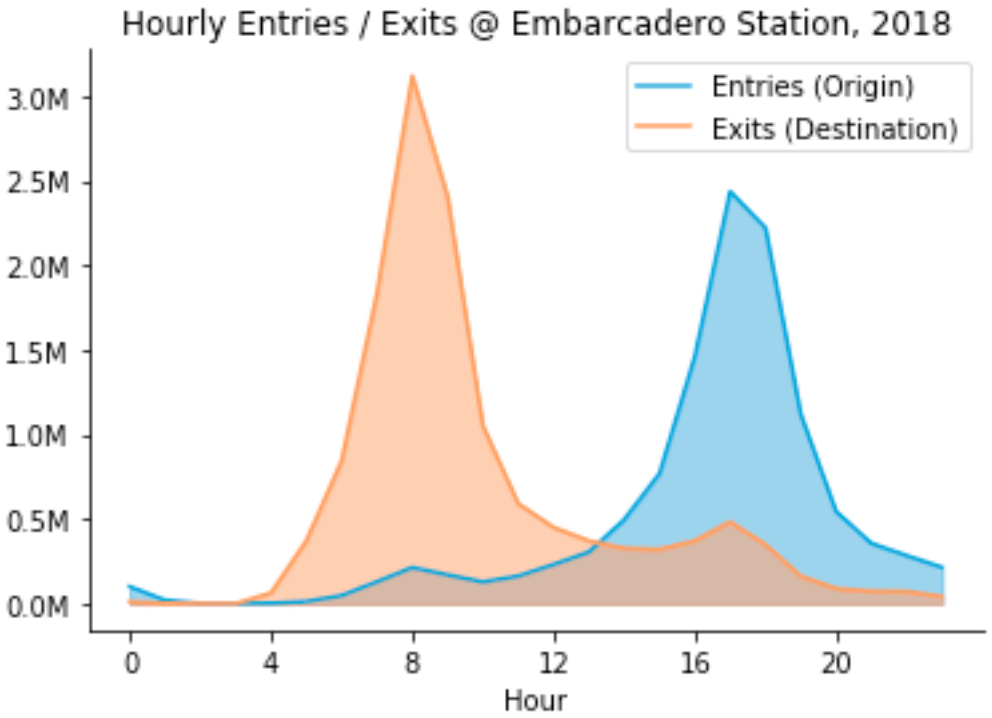
Kibana : Area Chart



An area chart combines the line chart and bar chart to show how one or more groups' numeric values change over the progression of a second variable, typically that of time. An area chart is distinguished from a line chart by the addition of shading between lines and a baseline, like in a bar chart.

https://chartio.com/learn/charts/area-chart-complete-guide/

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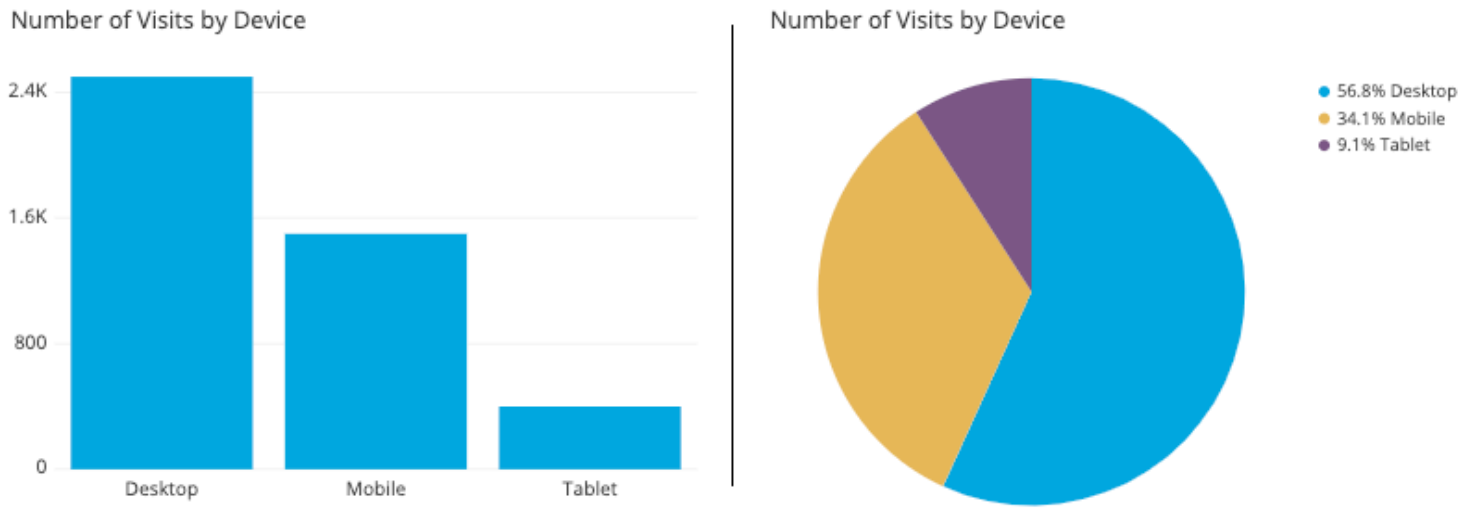
Kibana : Pie Chart



A pie chart shows how a total amount is divided between levels of a categorical variable as a circle divided into radial slices. Each categorical value corresponds with a single slice of the circle, and the size of each slice (both in area and arc length) indicates what proportion of the whole each category level takes.

https://chartio.com/learn/charts/pie-chart-complete-guide/

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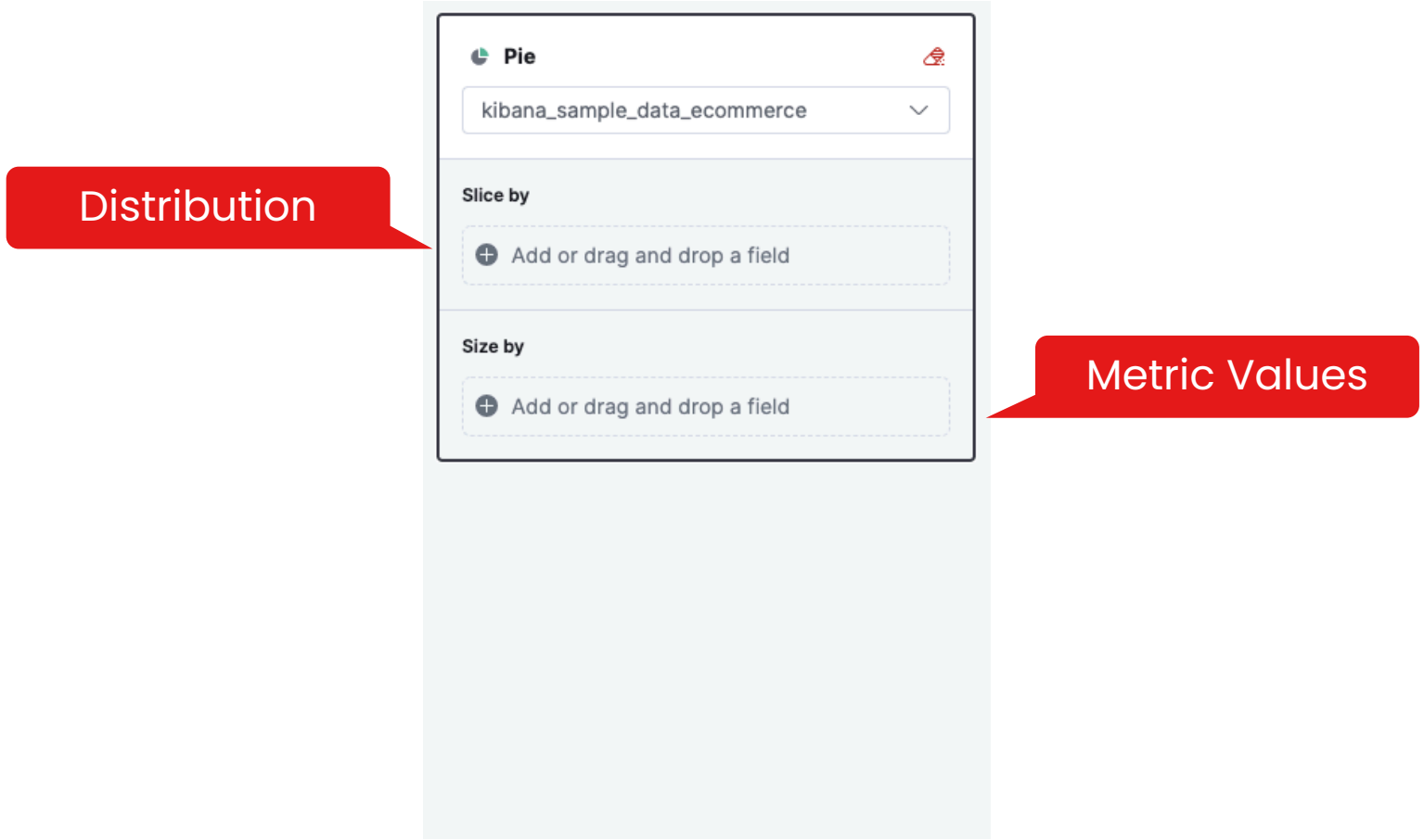
Kibana LEN : Pie Chart Properties



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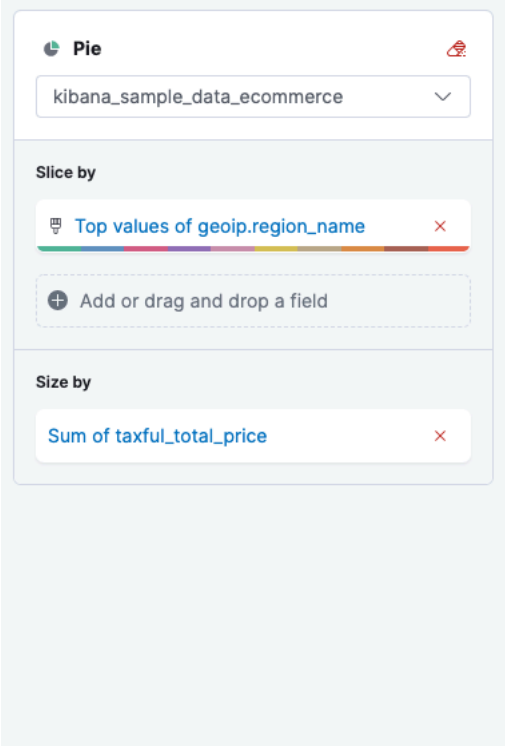
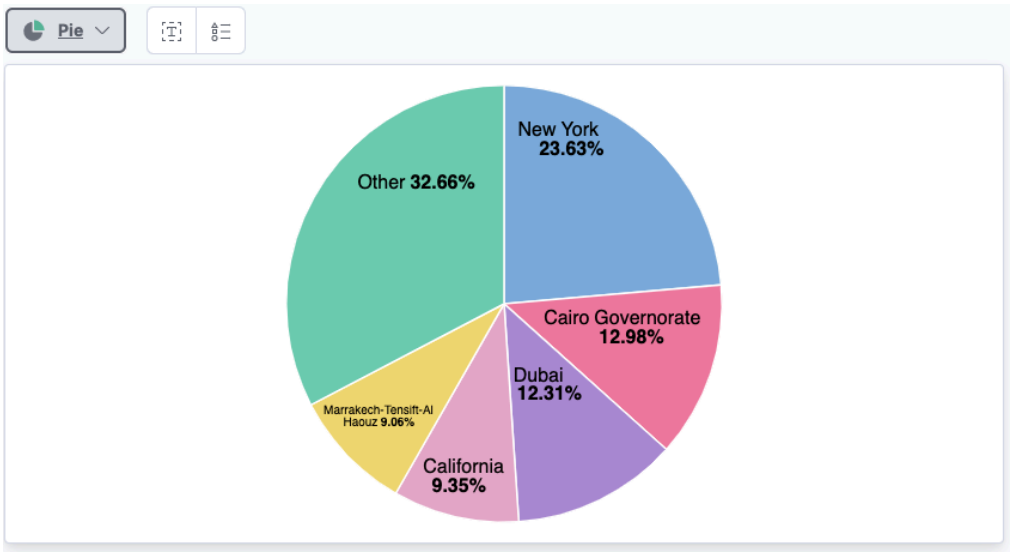
Kibana LEN : Pie Chart Properties





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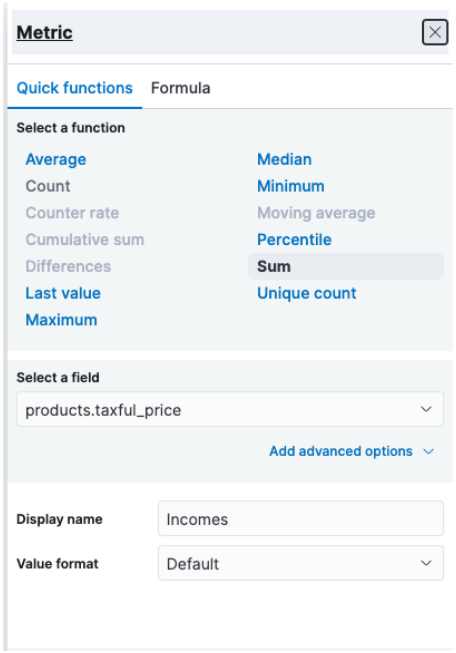
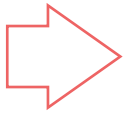
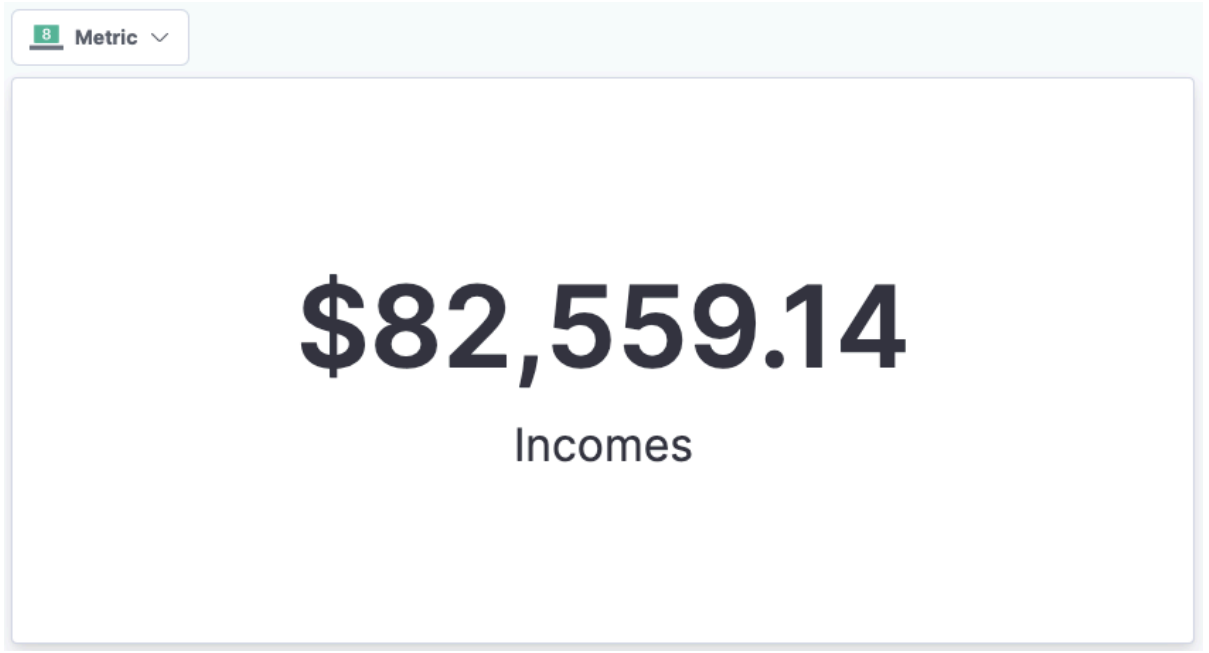
Kibana : Metric







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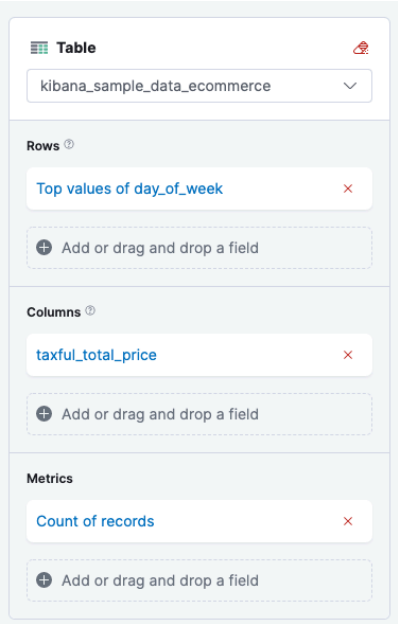
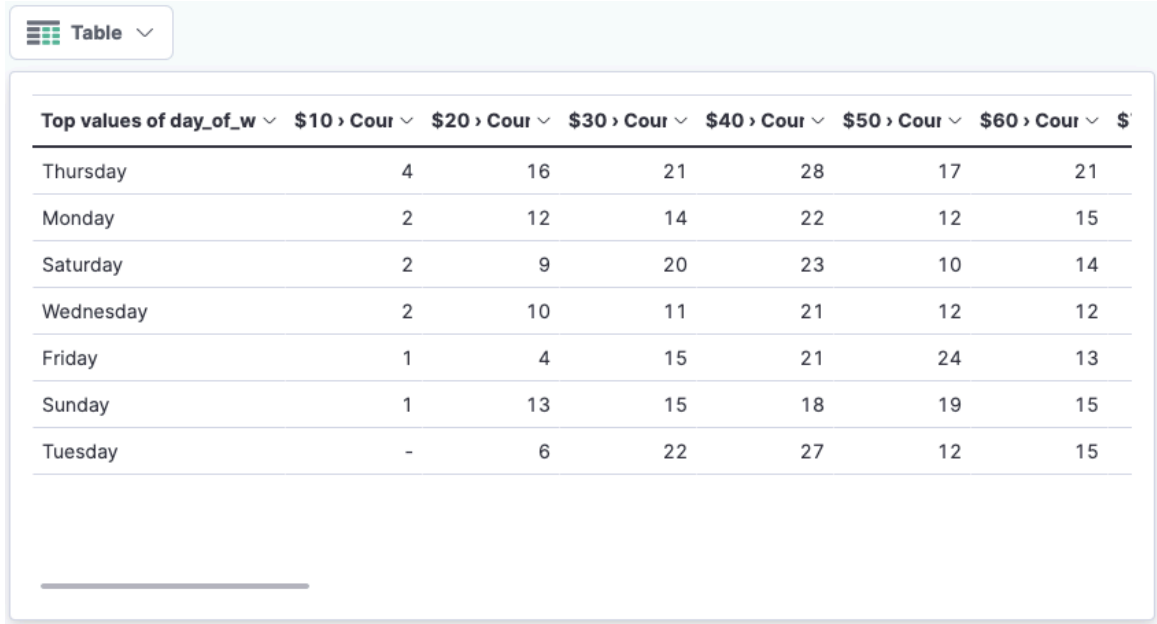
Kibana : Table





Top values of day_of_w	$10 › Cour	$20 › Cour	$30 › Cour	$40 › Cour	$50 › Cour	$60 › Cour	$
Thursday	4	16	21	28	17	21	
Monday	2	12	14	22	12	15	
Saturday	2	9	20	23	10	14	
Wednesday	2	10	11	21	12	12	
Friday	1	4	15	21	24	13	
Sunday	1	13	15	18	19	15	
Tuesday	-	6	22	27	12	15	

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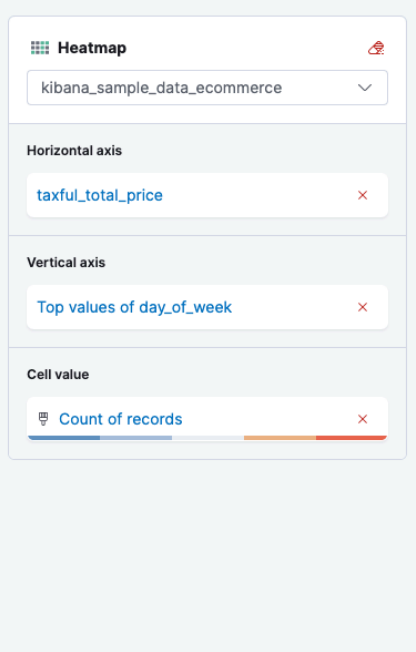
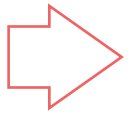
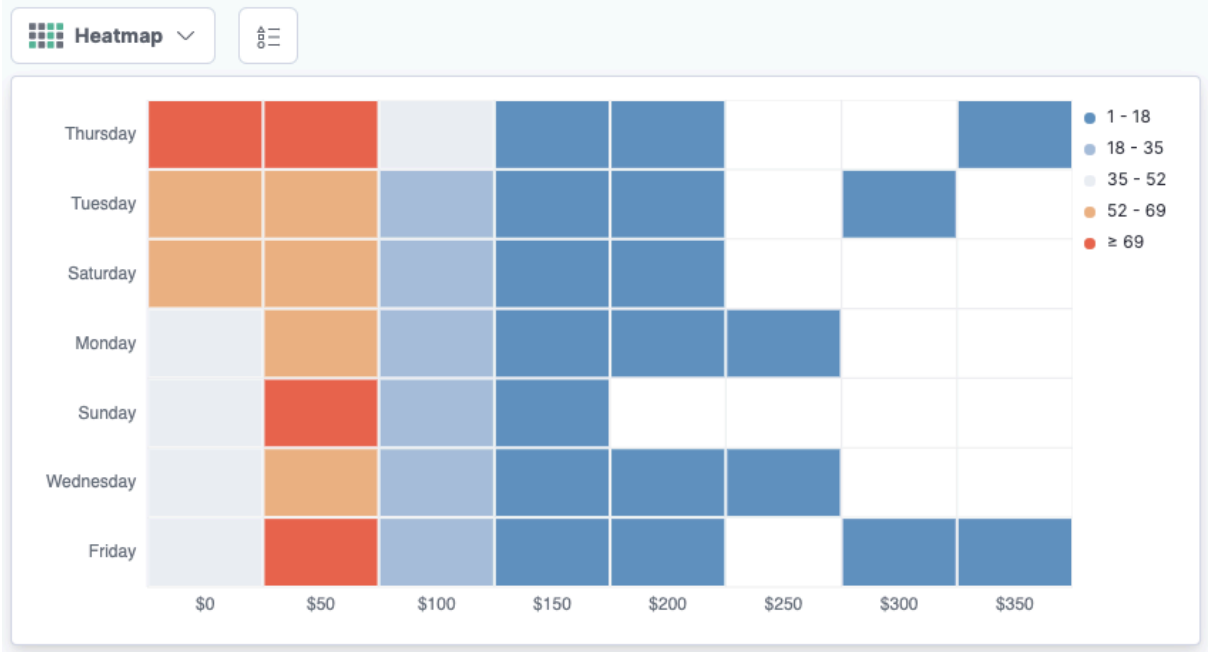
Kibana : Heatmap







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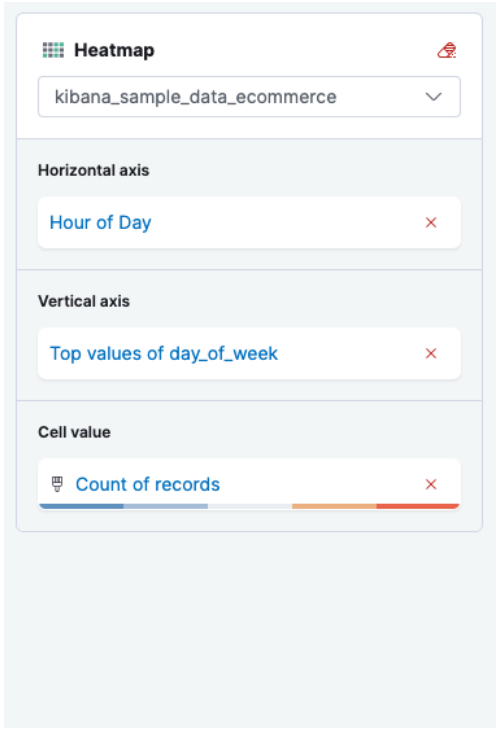
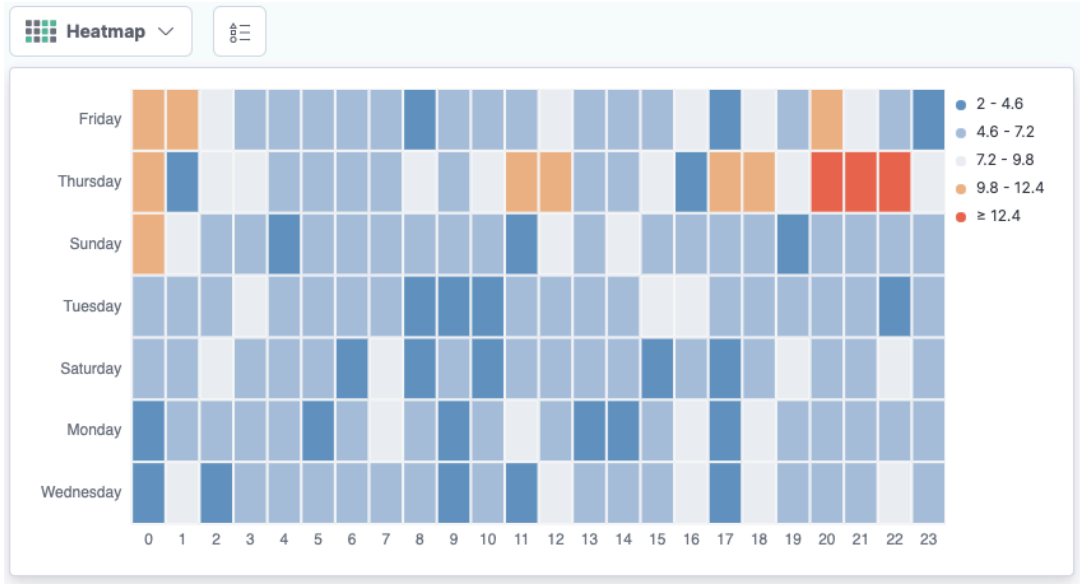
Kibana : Heatmap





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Import Data

working with Your Own Data

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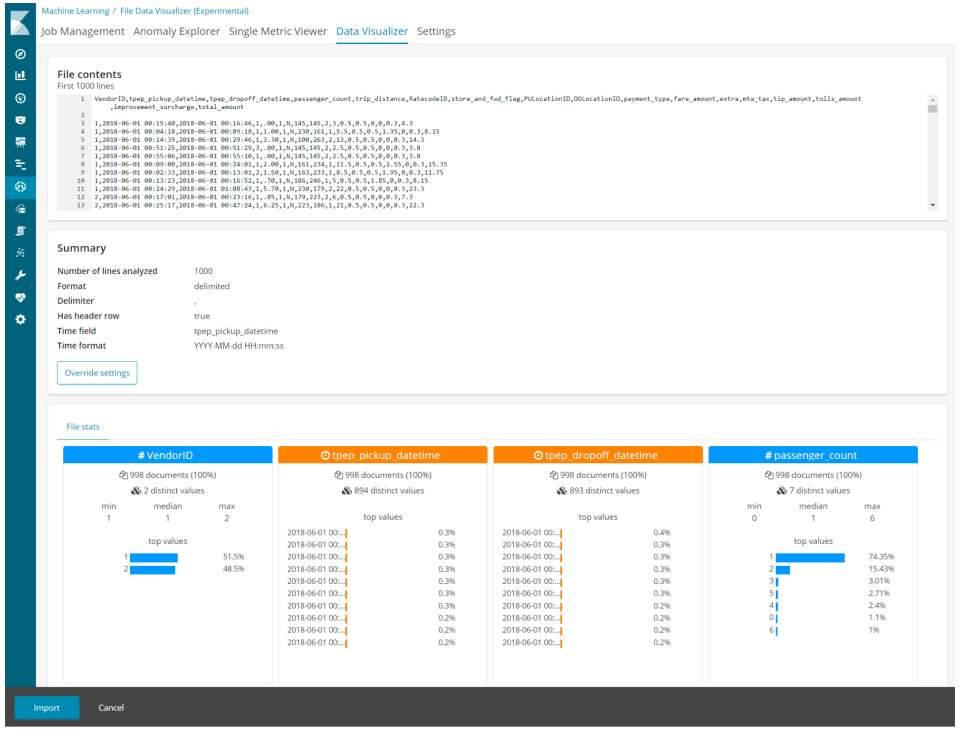
Kibana : File Data Visualizer



Visualize data from a log file

Machine learning features are now available for users on a Basic license. The Data Visualizer helps you understand the metrics and fields in your data in preparation for further analysis. With the new File Data Visualizer, you can upload a CSV, NDJSON, or log file. The File Data Visualizer uses the new File Structure API to identify the file format and field mappings. You can then choose to import the data into an Elasticsearch index. The log file import feature is experimental in 6.5, and is limited to files up to 100 MB in size.

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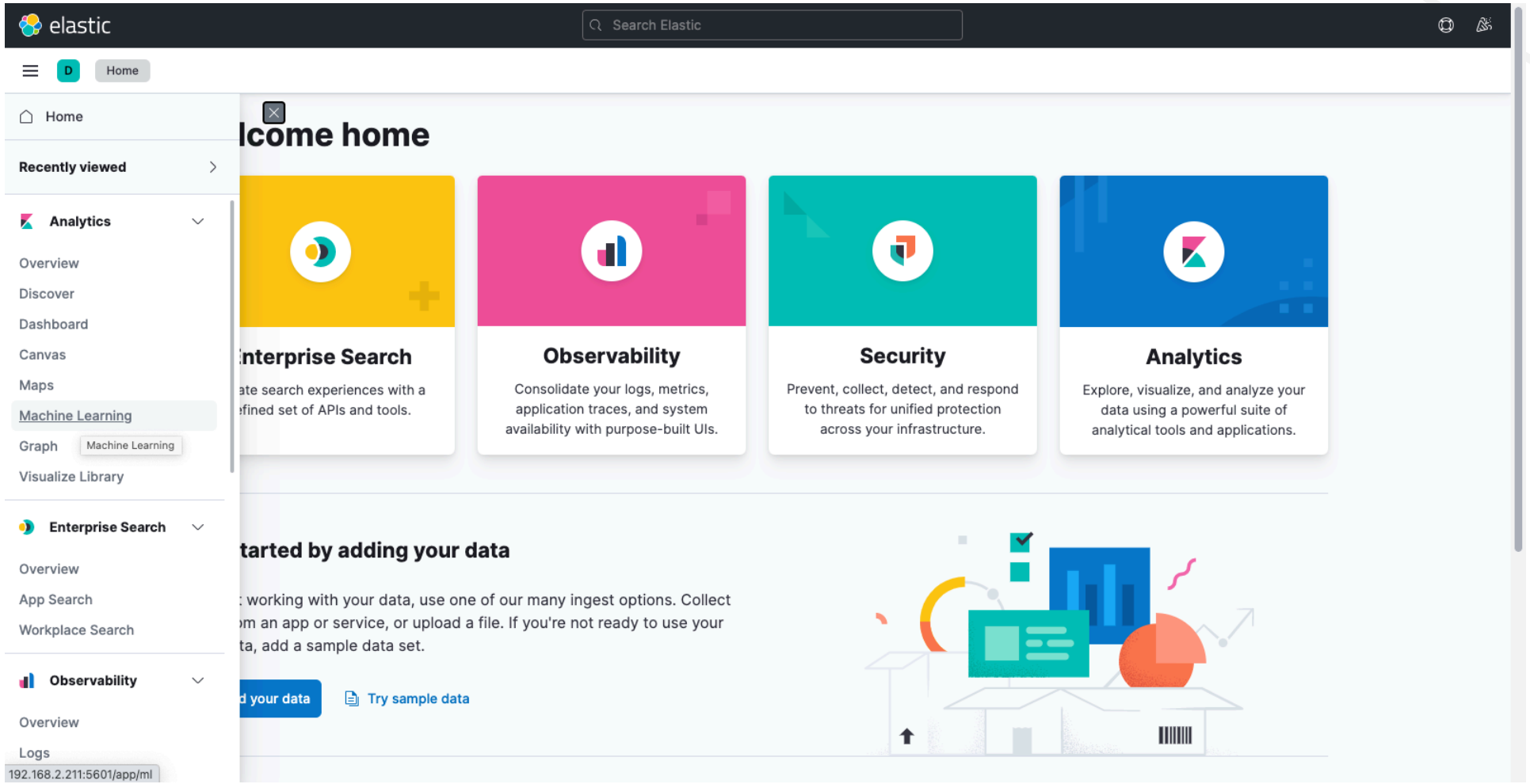
Kibana : Machine Learning



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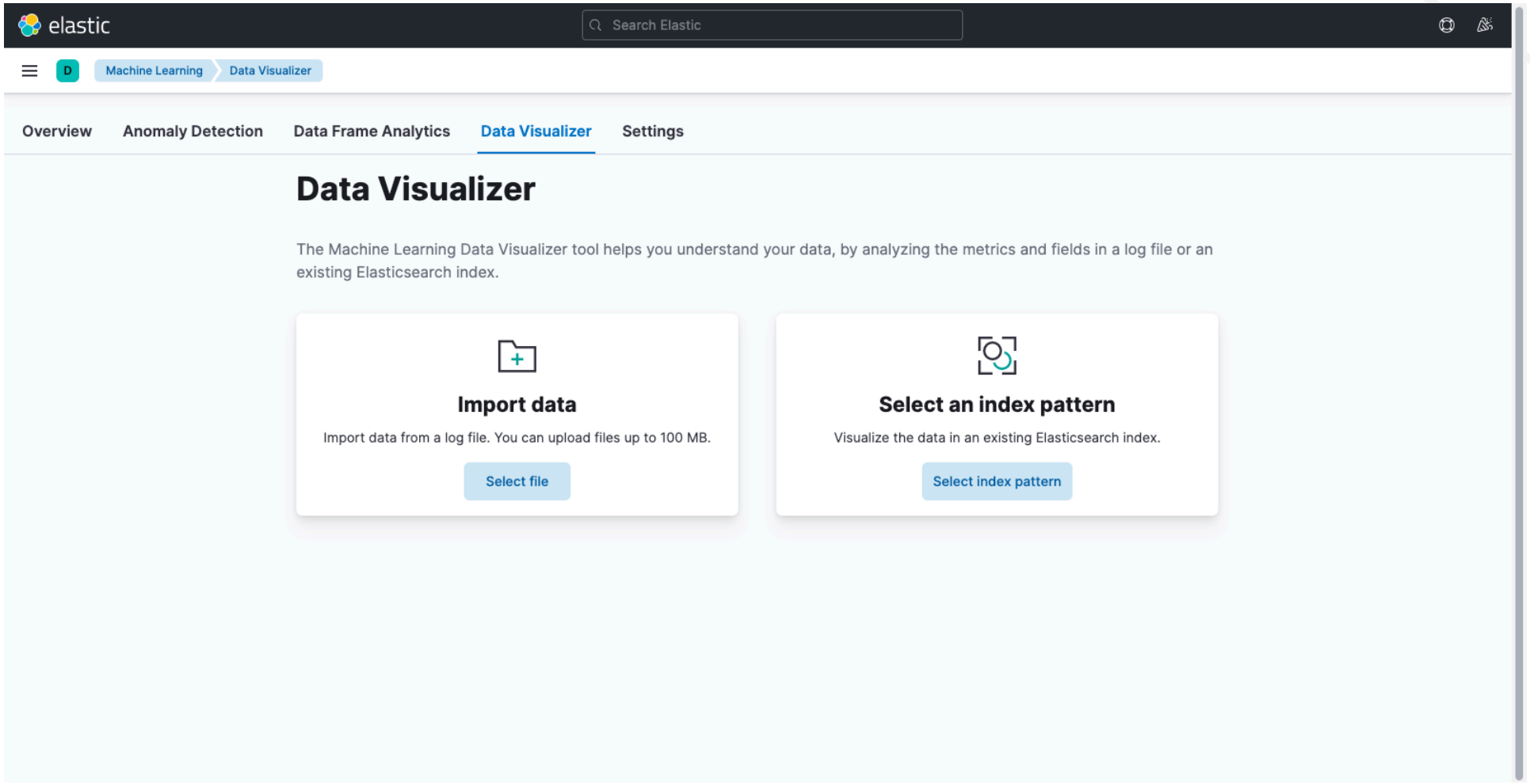
Kibana : Data Visualizer



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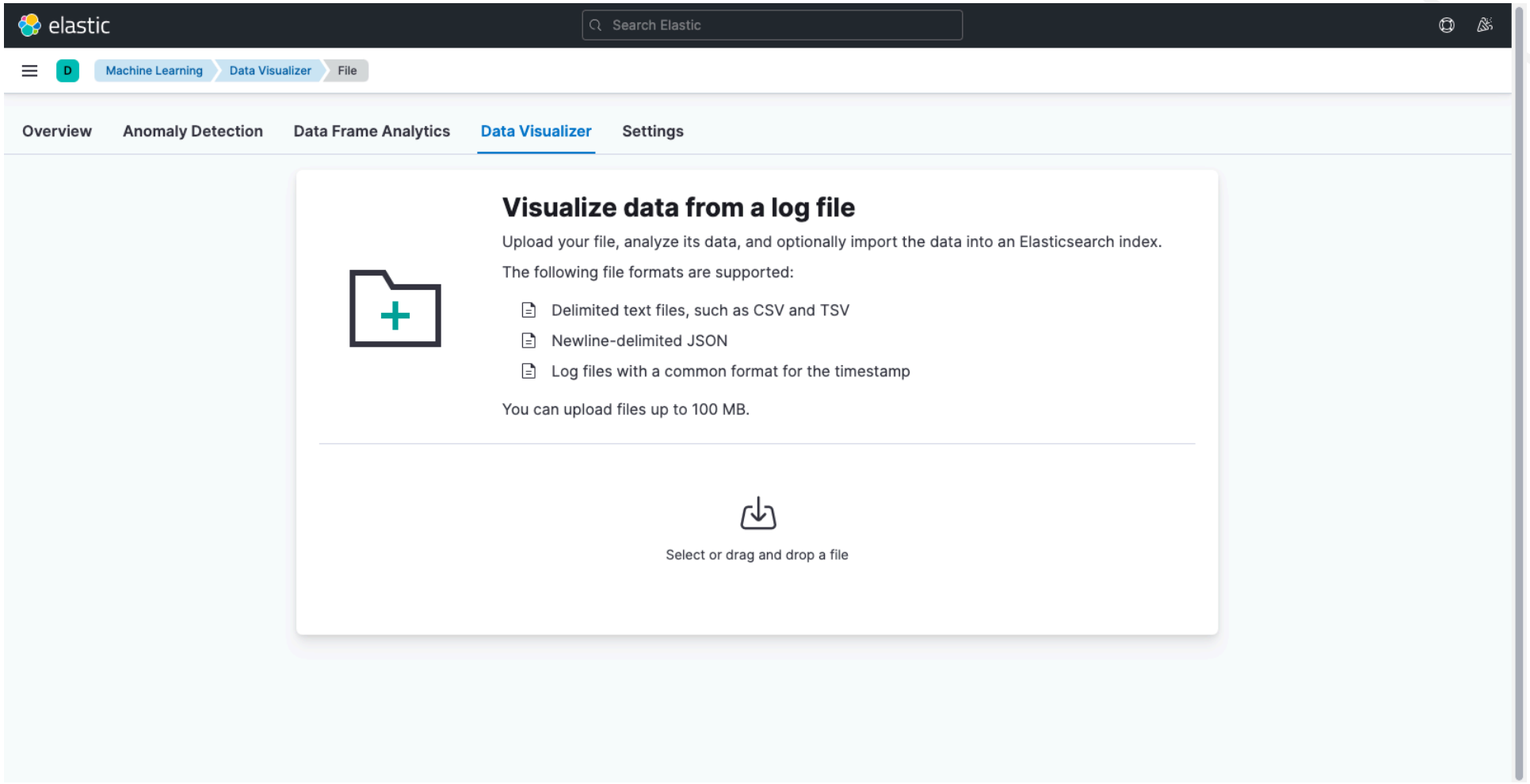

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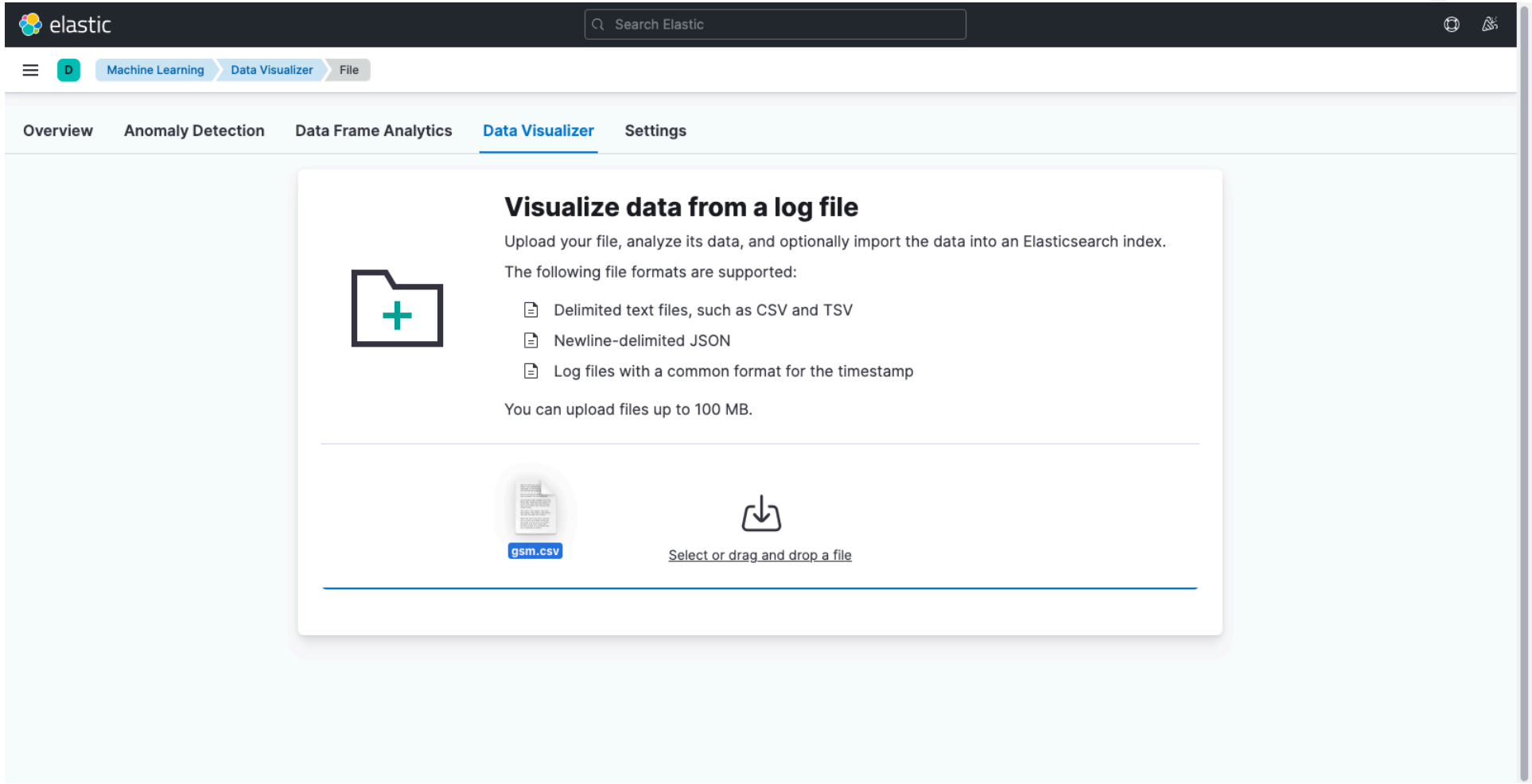
Kibana : Import Data



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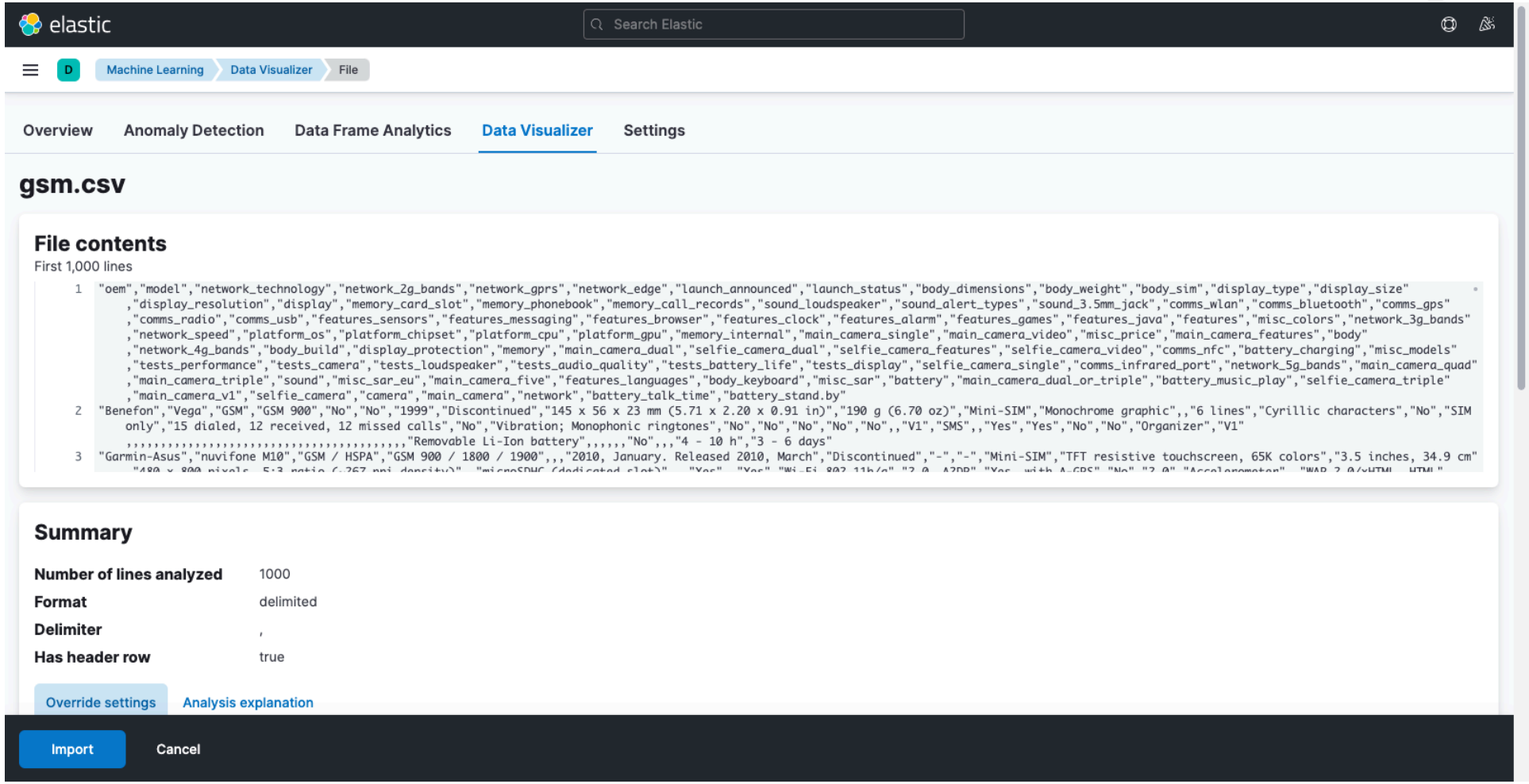
Kibana : Import Data


elastic
Search Elastic
D
Machine Learning
Data Visualizer
File
Overview
Anomaly Detection
Data Frame Analytics
Data Visualizer
Settings
gsm.csv
File contents
First 1,000 lines
1 "oem","model","network_technology","network_2g_bands","network_gprs","network_edge","launch_announced","launch_status","body_dimensions","body_weight","body_sim","display_type","display_size"
,"display_resolution","display","memory_card_slot","memory_phonebook","memory_call_records","sound_loudspeaker","sound_alert_types","sound_3.5mm_jack","comms_wlan","comms_bluetooth","comms_gps"
,"comms_radio","comms_usb","features_sensors","features_messaging","features_browser","features_clock","features_alarm","features_games","features_java","features","misc_colors","network_3g_bands"
,"network_speed","platform_os","platform_chipset","platform_cpu","platform_gpu","memory_internal","main_camera_single","main_camera_video","misc_price","main_camera_features","body"
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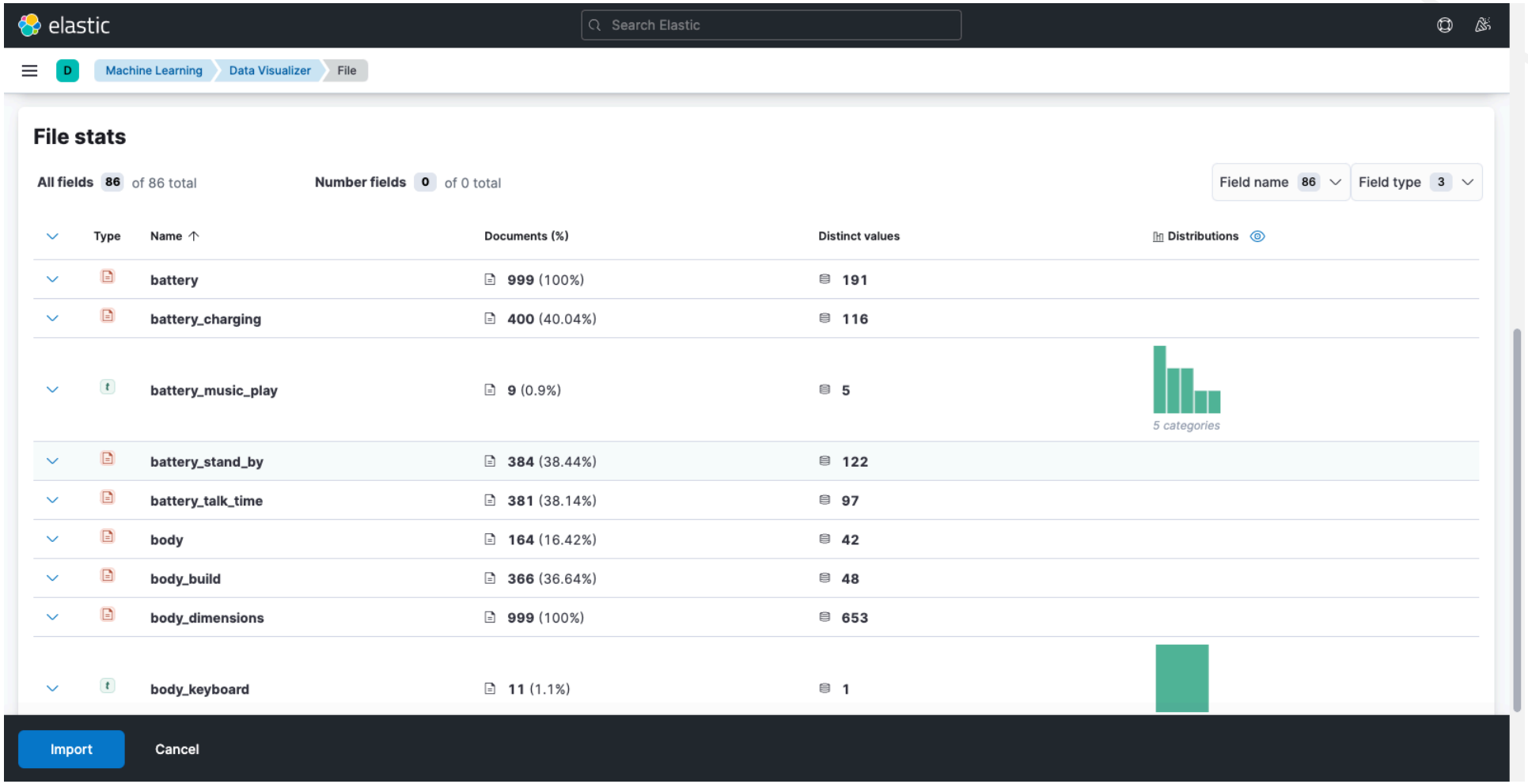
,"tests_performance","tests_camera","tests_loudspeaker","tests_audio_quality","tests_battery_life","tests_display","selfie_camera_single","comms_infrared_port","network_5g_bands","main_camera_quad"
,"main_camera_triple","sound","misc_sar_eu","main_camera_five","features_languages","body_keyboard","misc_sar","battery","main_camera_dual_or_triple","battery_music_play","selfie_camera_triple"
,"main_camera_v1","selfie_camera","camera","main_camera","network","battery_talk_time","battery_stand.by"
2 "Benefon","Vega","GSM","GSM 900","No","No","1999","Discontinued","145 x 56 x 23 mm (5.71 x 2.20 x 0.91 in)","190 g (6.70 oz)","Mini-SIM","Monochrome graphic",,"6 lines","Cyrillic characters","No","SIM
only","15 dialed, 12 received, 12 missed calls","No","Vibration; Monophonic ringtones","No","No","No","No","No",,"V1","SMS",,"Yes","Yes","No","No","Organizer","V1"
,,,

Kibana : Import Data



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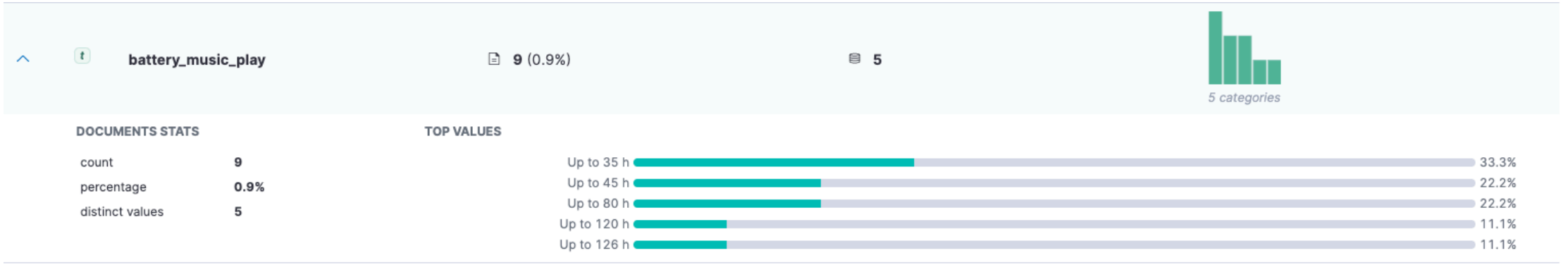

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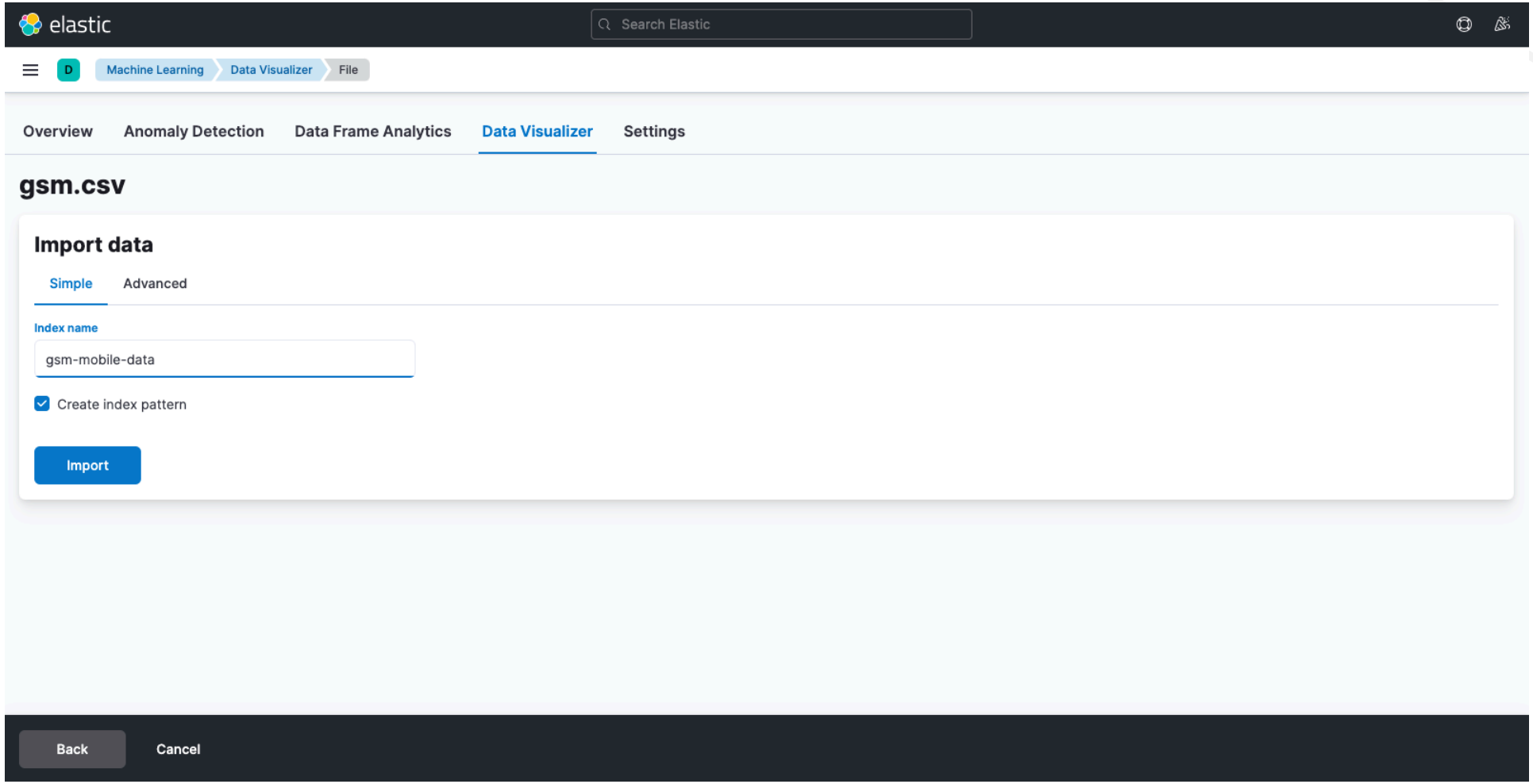

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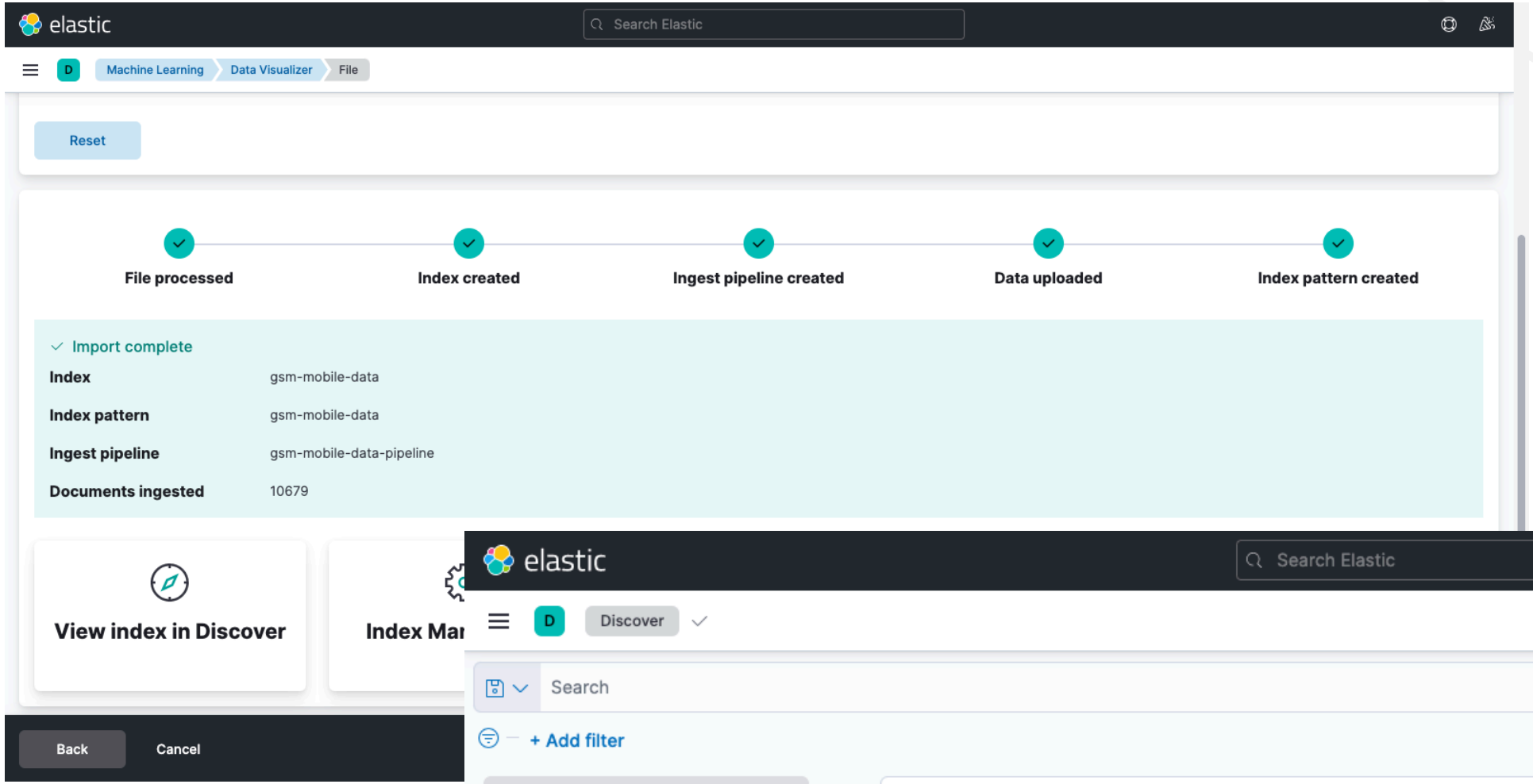
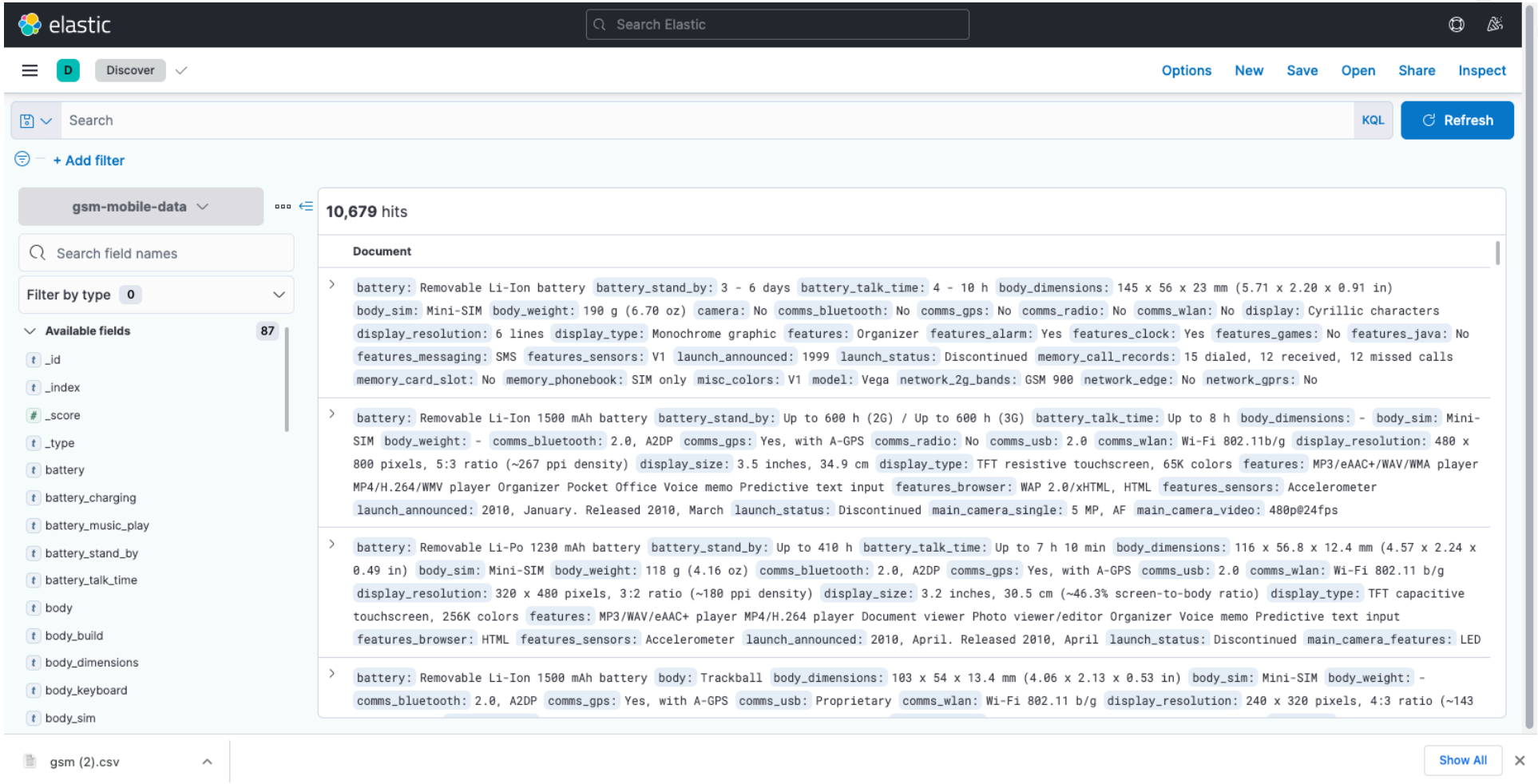


Kibana : Data Discover



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Complex Dashboard

matching multiple of you in Single View

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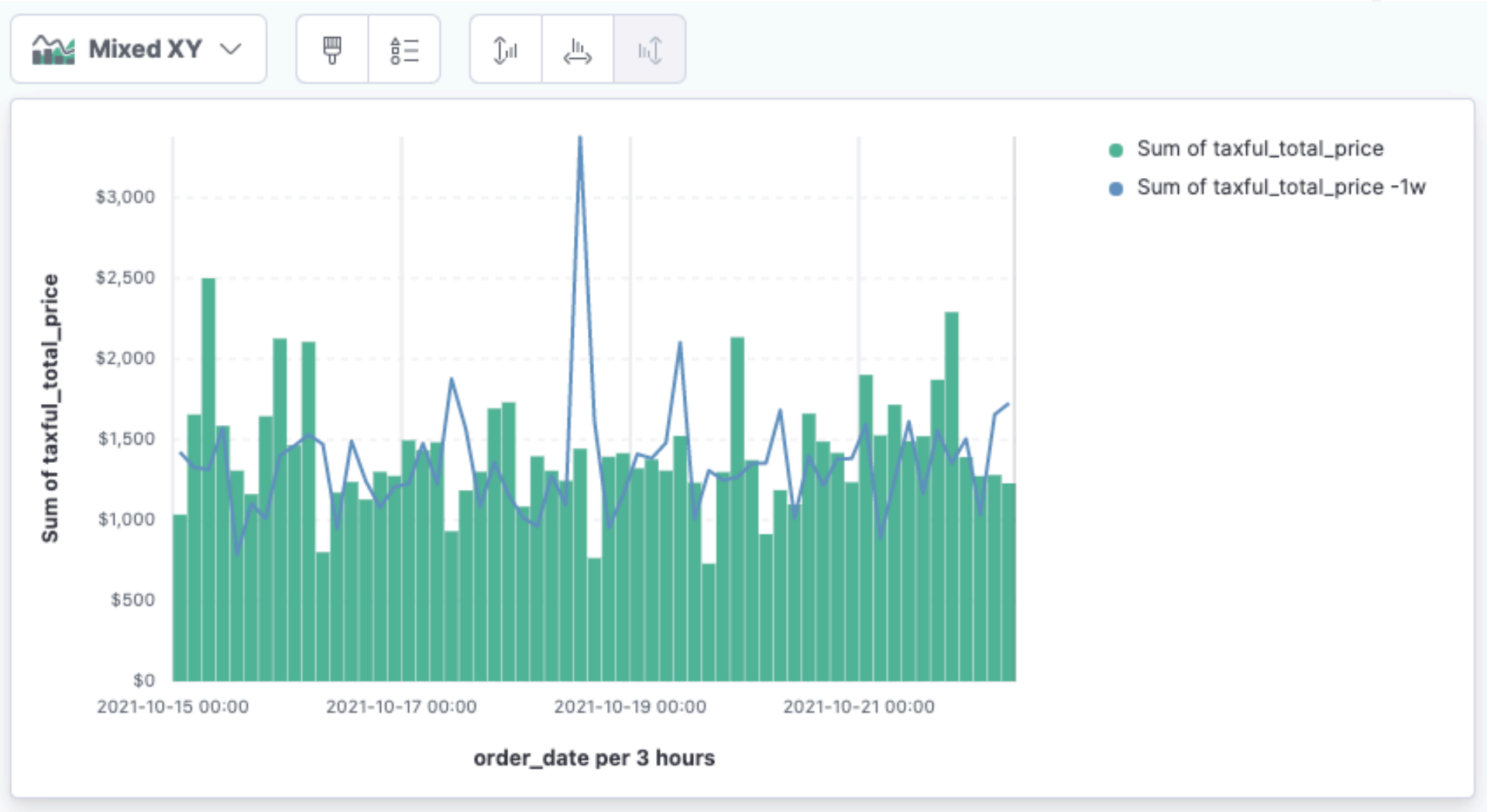
Multi Layer : Visualization



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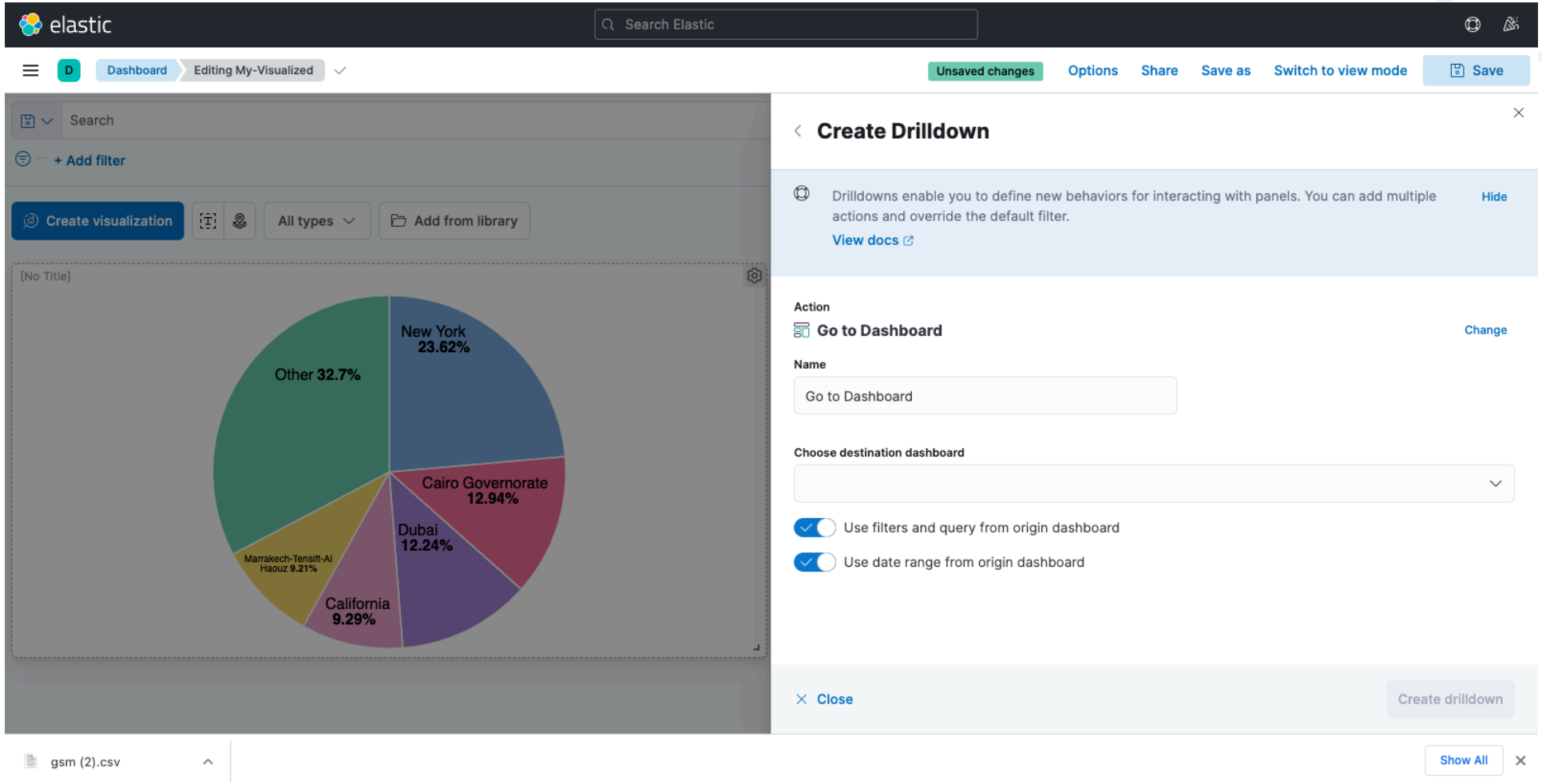
Create Drill Down : Goto Dash Board



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Thanks