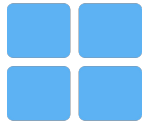


- KIBANA -  
VISUALIZATION



# KIBANA INTRODUCTION

Visualizing our data

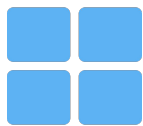
## KIBANA LENS



# KIBANA INTRODUCTION

Visualizing our data

Kibana Lens is an easy-to-use, intuitive UI that simplifies the process of data visualization through a drag-and-drop experience. Whether we're exploring billions of logs or spotting trends from our website traffic, Lens gets us from data to insights in just a few clicks — no prior experience in Kibana required.

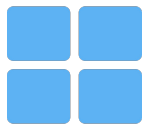


# KIBANA INTRODUCTION

Visualizing our data

## A few key benefits of Kibana Lens include:

- Convenient features for fields such as:
  - Showing their distribution of values
  - Searching fields by name for quickly tracking down the data we want
- Quick aggregation metrics like:
  - min, max, average, sum, count, and unique count
- Switching between multiple chart types after the fact, such as:
  - bar, area, line, and stacked charts
- The ability to drag and drop any field to get it immediately visualized or to breakdown the existing chart by its values
- Automatic suggestions on other possible visualization types
- Showing the raw data in data tables
- Combining the visualization with searching and filtering capabilities
- Combining data from multiple index patterns
- And quickly saving the visualization allowing for easy dashboard composition



# KIBANA INTRODUCTION

Visualizing our data

## PREPARATION

Make sure we've added  
SERVER LOGS & FLIGHT SAMPLE DATA



D

Visualize

[Home](#)**Recently viewed**

No recently viewed items

**Kibana**

Discover

Dashboard

Canvas

Maps

Machine Learning

Graph

Visualize

✕ close

# Visualizations



Search...



Title

Type



[Flights] Airline Carrier

Pie



[Flights] Airport Connections (Hover Over Airport)

&lt;/&gt; Vega



[Flights] Average Ticket Price

Metric



[Flights] Controls

Controls



[Flights] Delay Buckets

Vertical Bar

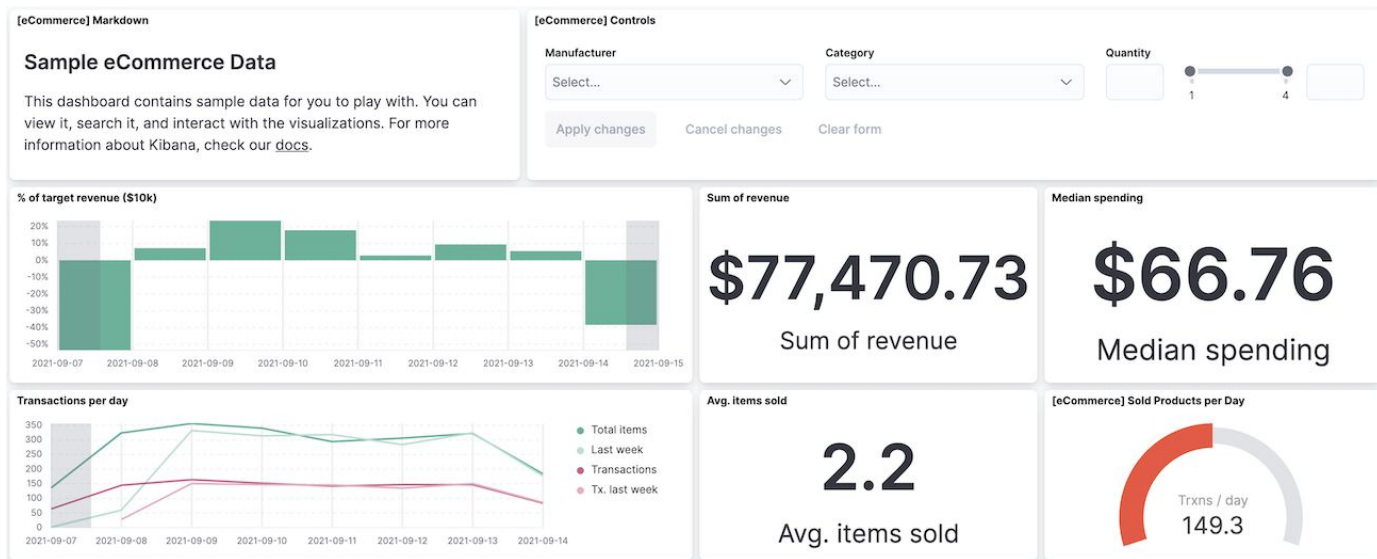


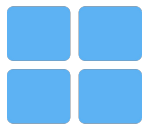
# KIBANA INTRODUCTION

Visualizing our data

## Visualize our data with dashboards.

The best way to understand our data is to visualize it. With dashboards, we can turn our data from one or more data views into a collection of panels that bring clarity to our data, tell a story about our data, and allow us to focus on only the data that's important to us.





# KIBANA INTRODUCTION

Visualizing our data

## **Visualize our data with dashboards.**

Panels display our data in charts, tables, maps, and more, which allow we to compare our data side-by-side to identify patterns and connections. Dashboards support several types of panels to display our data, and several options to create panels.



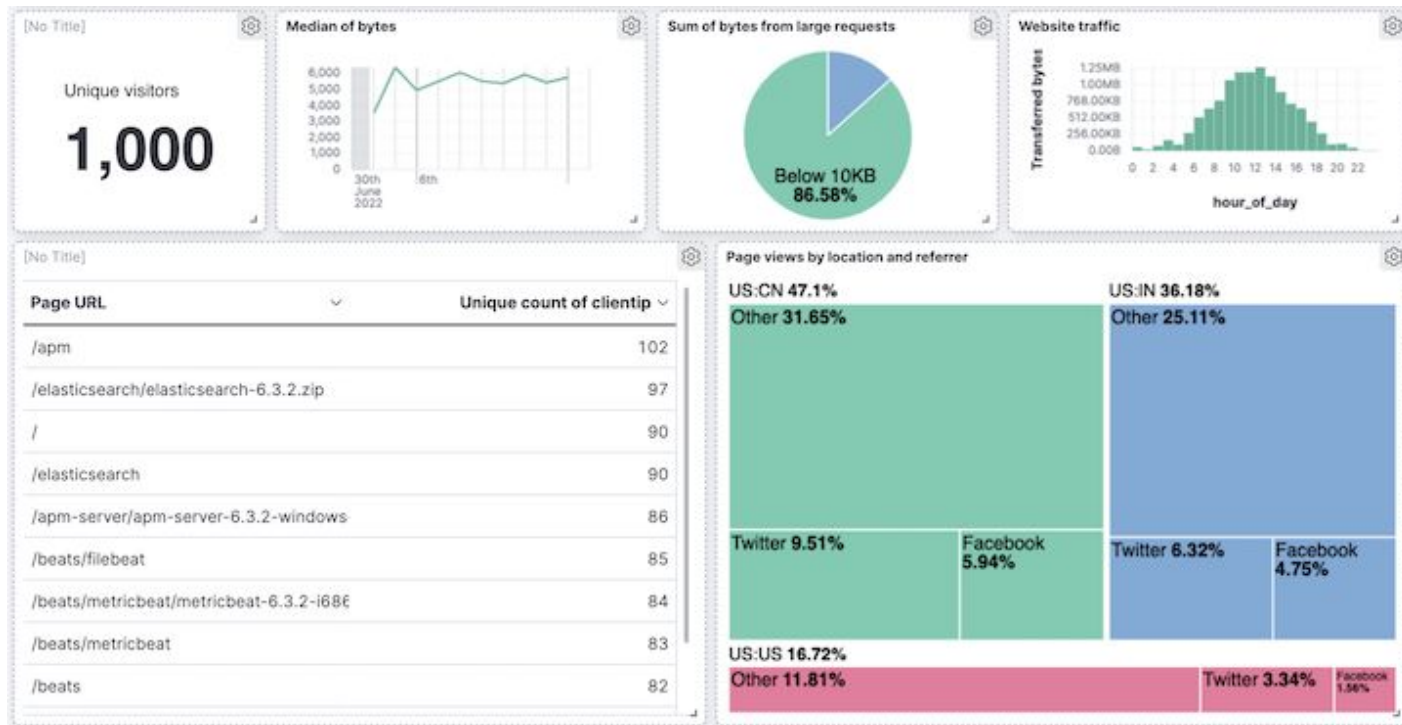
# - KIBANA - CREATING OUR FIRST DASHBOARD



# KIBANA INTRODUCTION

Visualizing our data

Follow through : when we're done, we'll have a complete overview of the sample web logs data.





# KIBANA INTRODUCTION

Visualizing our data

## Add the data and create the dashboard

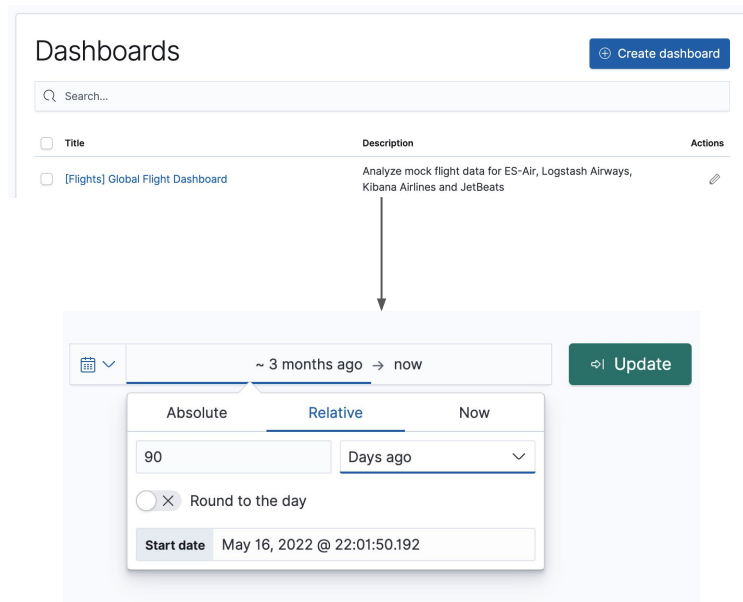
Add the sample web logs data, and create and set up the dashboard.

In case it was missed:

1. Go to the Home page, then click Try sample data.
2. **On the Sample web logs card, click Add data.**

Create the dashboard where you'll display the visualization panels.

1. Open the main menu, then click Dashboard.
2. Click Create dashboard.
3. Set the time filter to Last 90 days.





# KIBANA INTRODUCTION

## Visualizing our data

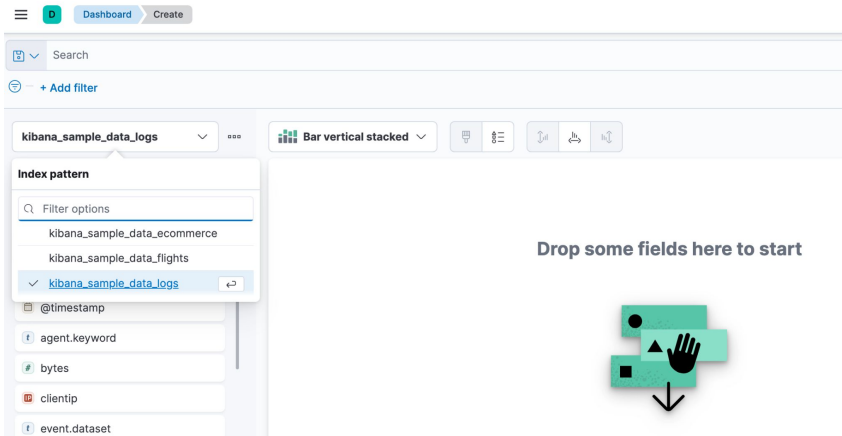
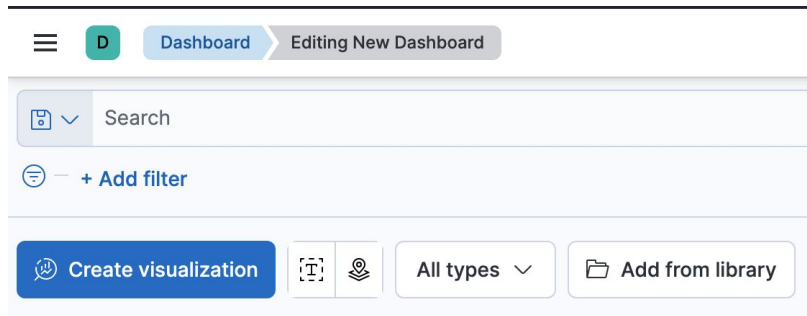
### Open the visualization editor and get familiar with the data

Open the visualization editor, then make sure the correct fields appear.

1. On the dashboard, click Create visualization.
2. Make sure the kibana\_sample\_data\_logs index appears.

To create the visualizations in this tutorial, you'll use the following fields:

- Records
- timestamp
- bytes
- clientip
- Referrer (Defaulted to keyword - 7.17)





# KIBANA INTRODUCTION

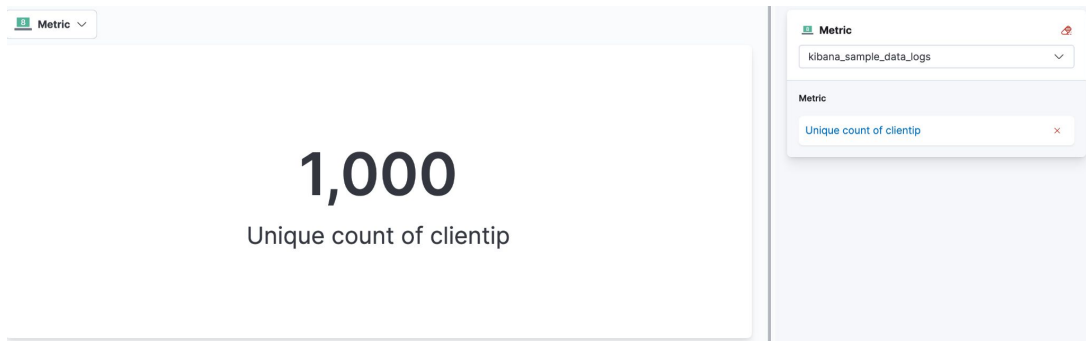
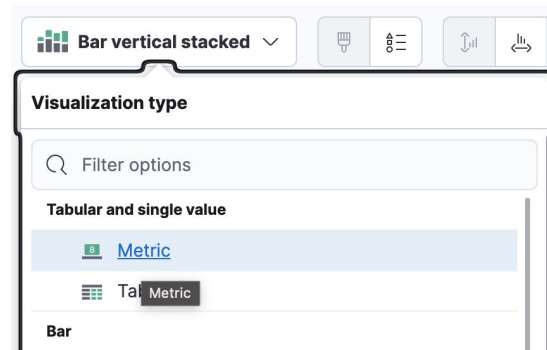
## Visualizing our data

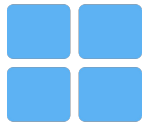
### Create our first visualization

Pick a field you want to analyze, such as clientip. To analyze only the clientip field, use the Metric visualization to display the field as a number.

The only number function that you can use with clientip is Unique count, also referred to as cardinality, which approximates the number of unique values.

1. Open the Visualization type dropdown, then select Metric.
2. From the Available fields list, drag clientip to the workspace or layer pane.

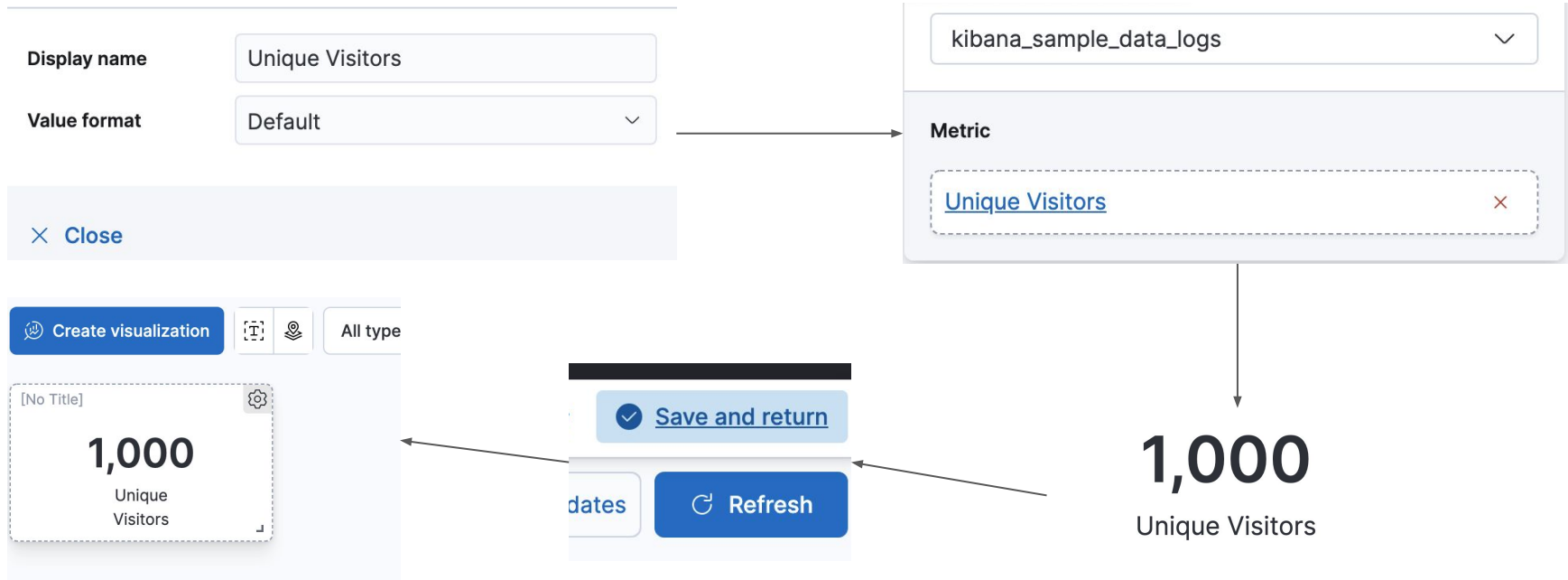


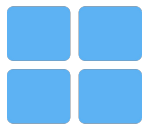


# KIBANA INTRODUCTION

## Visualizing our data

1. In the layer pane, click Unique count of clientip.
  - a. In the Display name field, enter Unique visitors.
  - b. Click Close.





# KIBANA INTRODUCTION

## Visualizing our data

### View a metric over time

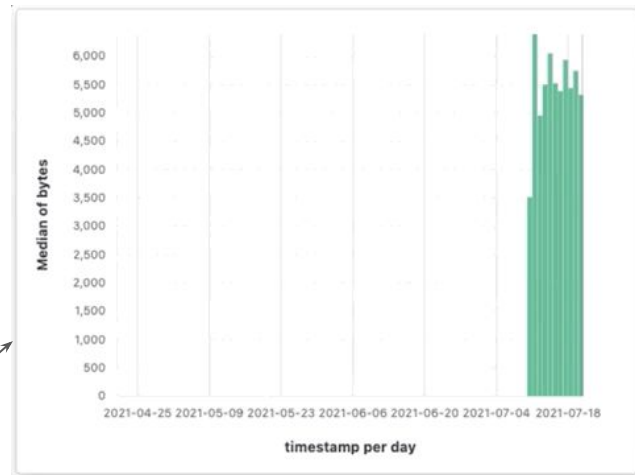
There are two shortcuts you can use to view metrics over time. When you drag a numeric field to the workspace, the visualization editor adds the default time field from the index pattern. When you use the Date histogram function, you can replace the time field by dragging the field to the workspace.

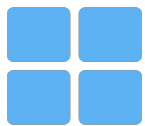
### To visualize the bytes field over time:

1. On the dashboard, click Create visualization.
2. From the Available fields list, drag **bytes** to the workspace.

The visualization editor creates a bar chart with the timestamp and Median of bytes fields.

3. To zoom in on the data, click and drag your cursor across the bars.



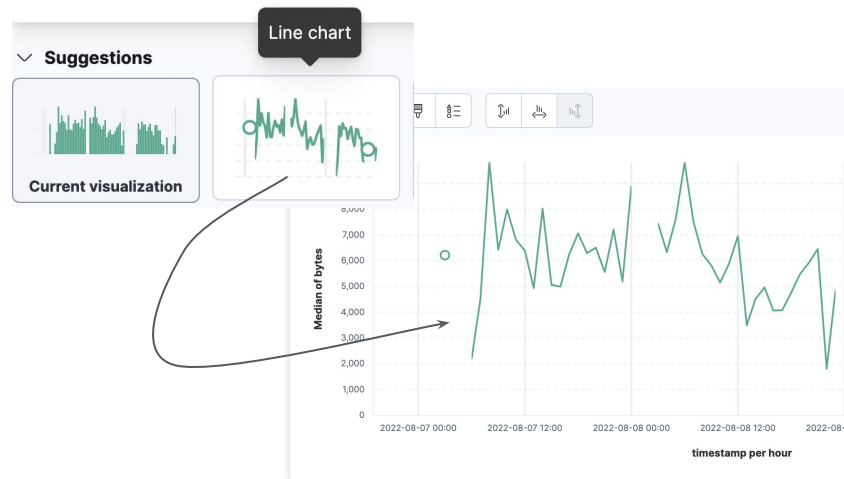
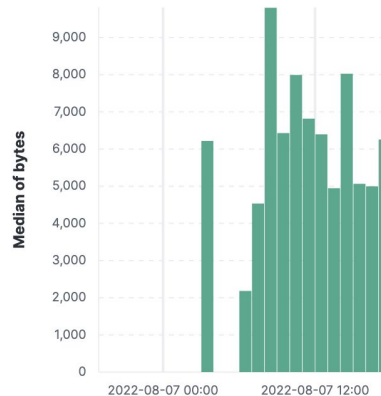


# KIBANA INTRODUCTION

## Visualizing our data

To emphasize the change in Median of bytes over time, change the visualization type to Line with one of the following options:

- In the Suggestions, click the line chart.
- In the editor toolbar, open the Visualization type dropdown, then select Line.
- In the layer pane, open the Layer visualization type menu, then click Line.







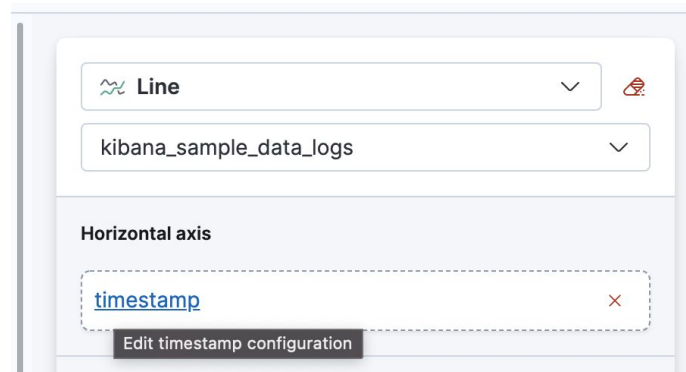
# KIBANA INTRODUCTION

## Visualizing our data

To increase the minimum time interval:

1. In the layer pane, click timestamp.
2. Select Customize time interval.
3. Change the Minimum interval to 1 days, then click Close.

You can increase and decrease the minimum interval, but you are unable to decrease the interval below the [Advanced Settings](#).



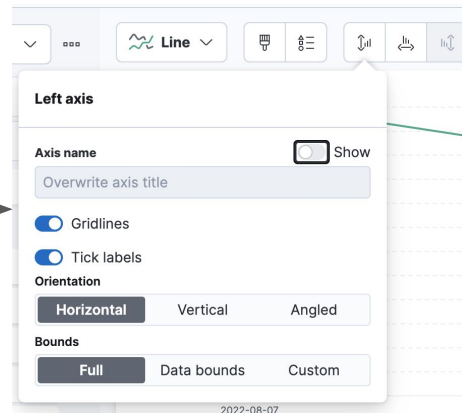
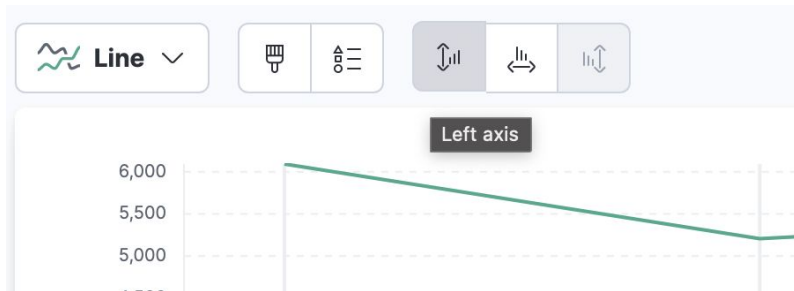


# KIBANA INTRODUCTION

## Visualizing our data

To save space on the dashboard, hide the axis labels.

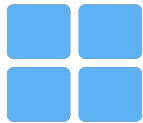
1. Open the Left axis menu, then deselect Show.



2. Click **Save and return** to dashboard

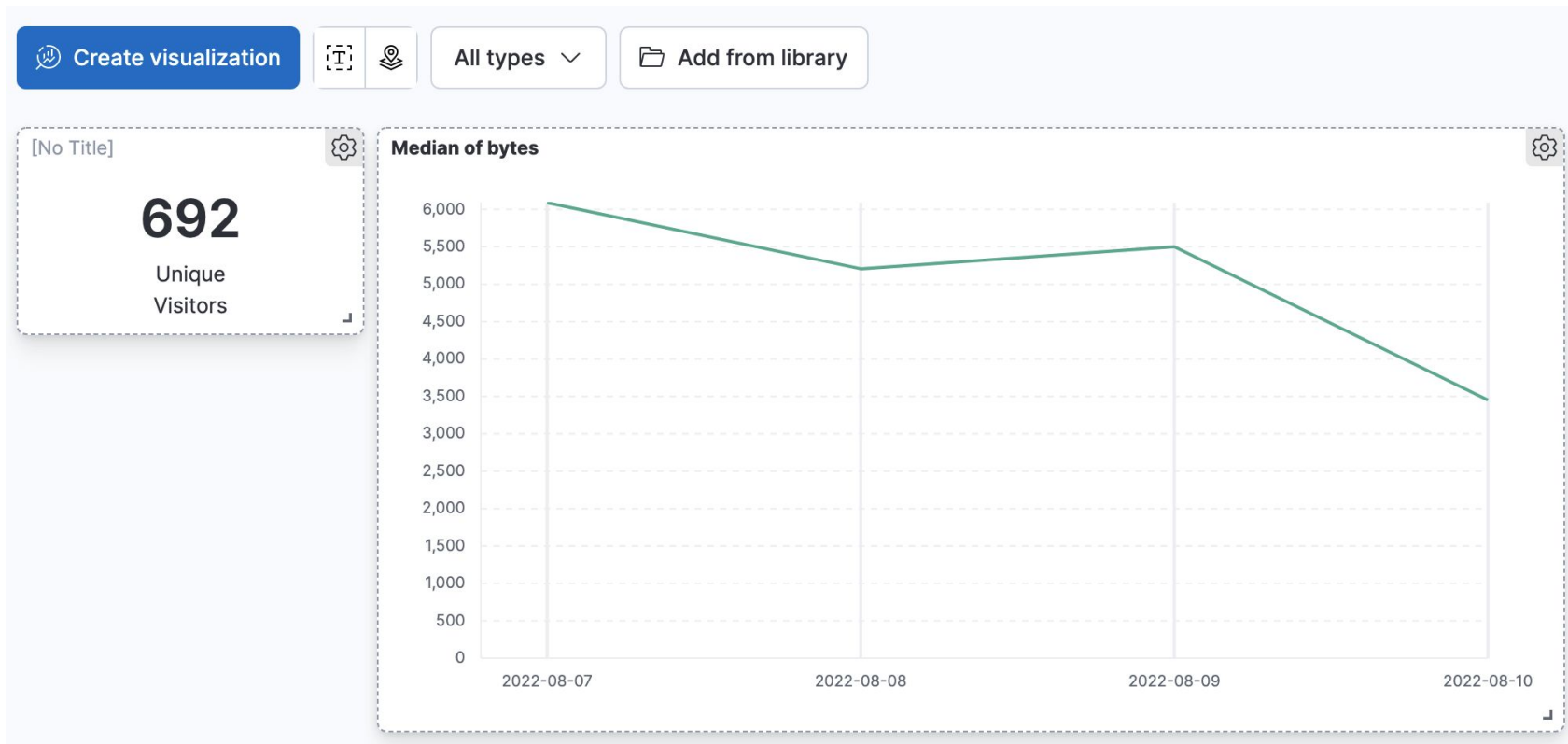
**Since you removed the axis labels, add a panel title:**

1. Open the panel menu, then select Edit panel title.
2. In the Panel title field, enter **Median of bytes**, then click Save.



# KIBANA INTRODUCTION

Visualizing our data



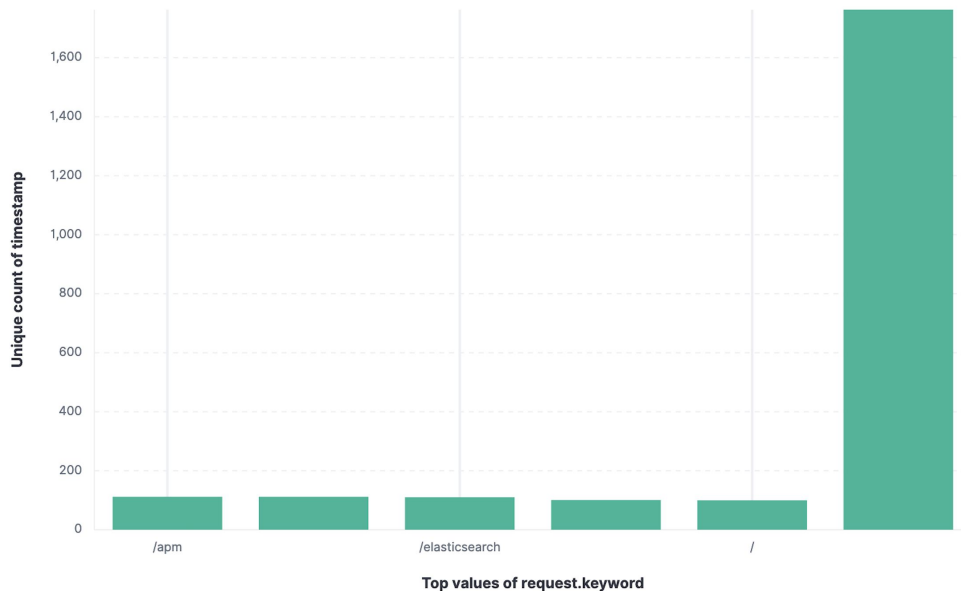


# KIBANA INTRODUCTION

## Visualizing our data

### View the top values of a field

Create a visualization that displays the most frequent values of **request.keyword** on your website, ranked by the unique visitors.





# KIBANA INTRODUCTION

## Visualizing our data

To create the visualization, use **Top values of request.keyword** ranked by **Unique count of clientip**, instead of being ranked by **Count of records**.

The Top values function ranks the unique values of a field by another function. The values are the most frequent when **ranked by a Count function**, and the largest when ranked by the Sum function.

1. On the dashboard, click Create visualization.
2. From the Available fields list, drag **clientip** to the **Vertical axis** field in the layer pane.

The visualization editor automatically applies the **Unique count function**. If you drag clientip to the workspace, the editor adds the field to the incorrect axis.

3. Drag request.keyword to the workspace.

**Vertical axis**

Unique count of clientip

+ Add or drag-and-drop a field

---

**Vertical axis**

Quick functions	Formula
Count	Minimum
Counter rate	Moving average
Cumulative sum	Percentile
Differences	Sum
Last value	Unique count
Maximum	

Select a field

clientip

Add advanced options

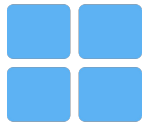
---

Display name: Unique count of clientip

Value format: Default

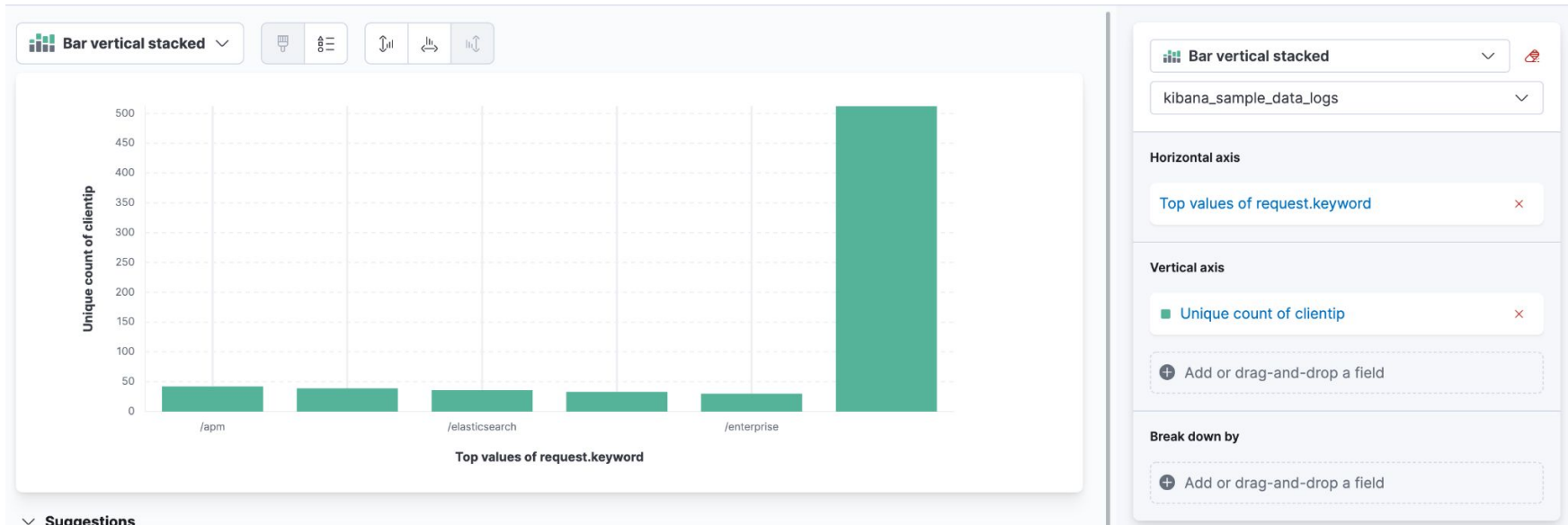
Series color: #54B399

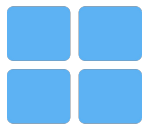
Axis side: Auto Left Right



# KIBANA INTRODUCTION

Visualizing our data





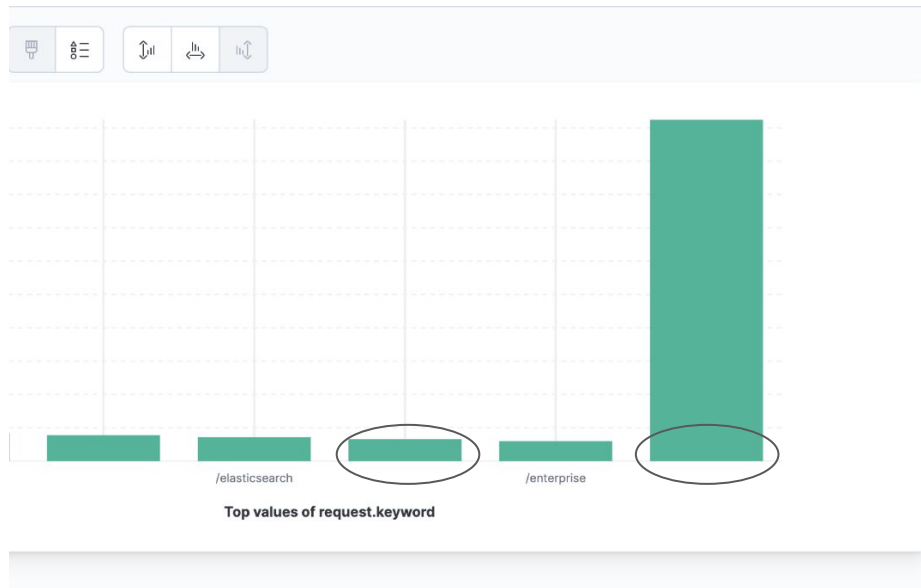
# KIBANA INTRODUCTION

## Visualizing our data

When you drag a text or IP address field to the workspace, the editor adds the Top values function ranked by **Count of records** to show the most frequent values.

### NOTE

The chart labels are unable to display because the **request.keyword** field contains long text fields. You could use one of the **Suggestions**, but the suggestions also have issues with long text. The best way to display long text fields is with the **Table visualization**.

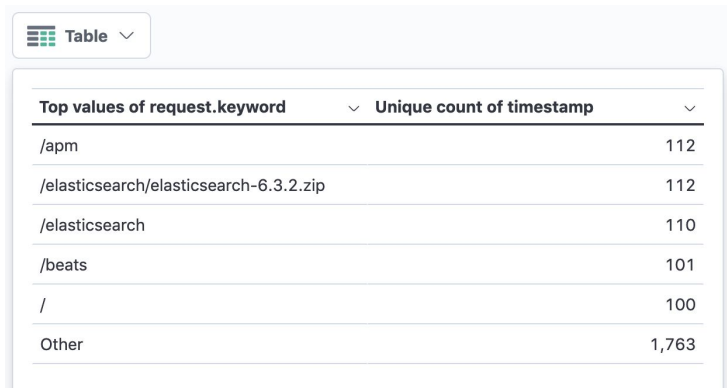




# KIBANA INTRODUCTION

## Visualizing our data

1. Open the Visualization type dropdown, then select Table.



The screenshot shows the Kibana visualization editor. At the top, a dropdown menu is set to 'Table'. Below it, a table visualization is displayed with two columns: 'Top values of request.keyword' and 'Unique count of timestamp'. The table contains the following data:

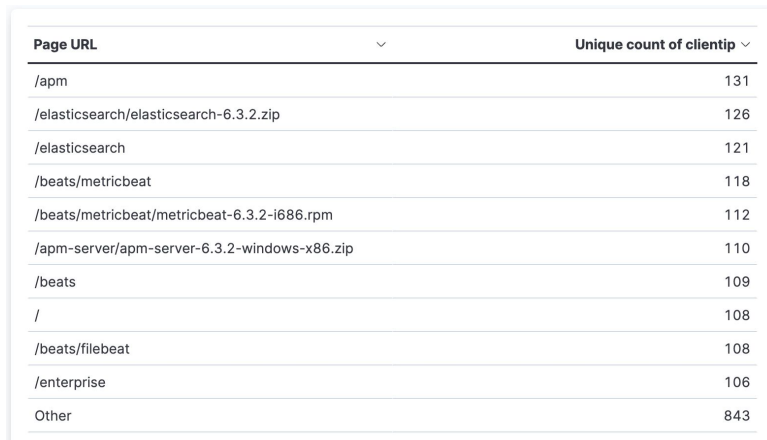
Top values of request.keyword	Unique count of timestamp
/apm	112
/elasticsearch/elasticsearch-6.3.2.zip	112
/elasticsearch	110
/beats	101
/	100
Other	1,763

3. Click Save and return.

Since the table columns are labeled, you do not need to add a panel title.

2. In the layer pane, click Top values of request.keyword.

- In the Number of values field, enter 10.
- In the Display name field, enter Page URL.
- Click Close.



The screenshot shows the Kibana visualization editor. At the top, a dropdown menu is set to 'Table'. Below it, a table visualization is displayed with two columns: 'Page URL' and 'Unique count of clientip'. The table contains the following data:

Page URL	Unique count of clientip
/apm	131
/elasticsearch/elasticsearch-6.3.2.zip	126
/elasticsearch	121
/beats/metricbeat	118
/beats/metricbeat/metricbeat-6.3.2-i686.rpm	112
/apm-server/apm-server-6.3.2-windows-x86.zip	110
/beats	109
/	108
/beats/filebeat	108
/enterprise	106
Other	843



- LAB -

CONTINUE ON YOUR OWN



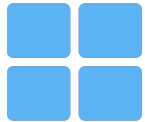
# KIBANA INTRODUCTION

Visualizing our data

## **View the distribution of a number field**

The distribution of a number can help you find patterns. For example, you can analyze the website traffic per hour to find the best time for routine maintenance.

1. On the dashboard, click Create visualization.
2. From the Available fields list, drag bytes to Vertical axis field in the layer pane.
3. In the layer pane, click Median of bytes.
  - a. Click the Sum function.
  - b. In the Display name field, enter Transferred bytes.
  - c. From the Value format dropdown, select Bytes (1024), then click Close.
4. From the Available fields list, drag hour\_of\_day to Horizontal axis field in the layer pane.
5. In the layer pane, click hour\_of\_day, then slide the Intervals granularity slider until the horizontal axis displays hourly intervals.



# KIBANA INTRODUCTION

Visualizing our data

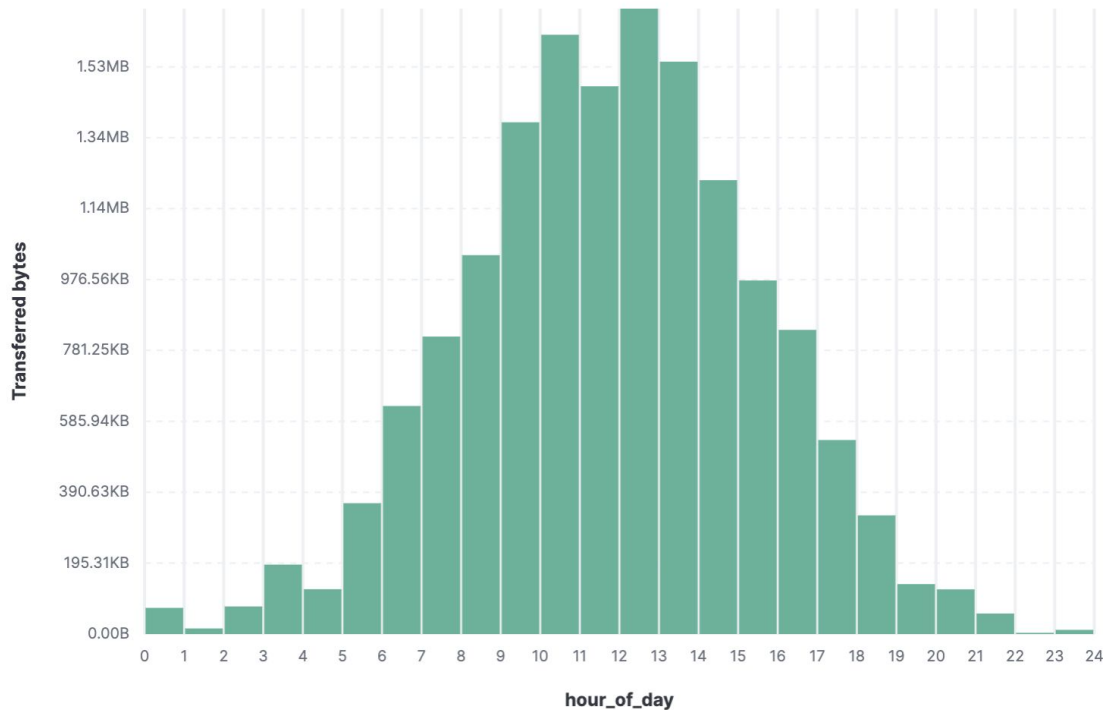
Click Save and return.

Add a panel title:

Open the panel menu, then select Edit panel title.

In the Panel title field, enter Website traffic, then click Save.

**Final Results**





# KIBANA INTRODUCTION

## Visualizing our data

### Create a multi-level chart

Table and Proportion visualizations support multiple functions. For example, to create visualizations that break down the data by website traffic sources and user geography, apply the Filters and Top values functions.

1. On the dashboard, click Create visualization.
2. Open the Visualization type dropdown, then select Treemap.
3. From the Available fields list, drag Records to the Size by field in the layer pane.
4. In the editor, click Add or drag-and-drop a field for Group by.



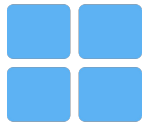
# KIBANA INTRODUCTION

Visualizing our data

## Create a filter for each website traffic source:

1. From Select a function, click Filters.
2. Click All records, enter the following in the query bar, then press Return:
  - KQL — referer : \*facebook.com\*
  - Label — Facebook
3. Click Add a filter, enter the following in the query bar, then press Return:
  - KQL — referer : \*twitter.com\*
  - Label — Twitter
4. Click Add a filter, enter the following in the query bar, then press Return:
  - KQL — NOT referer : \*twitter.com\* OR NOT referer: \*facebook.com\*
  - Label — Other

**Click Close.**

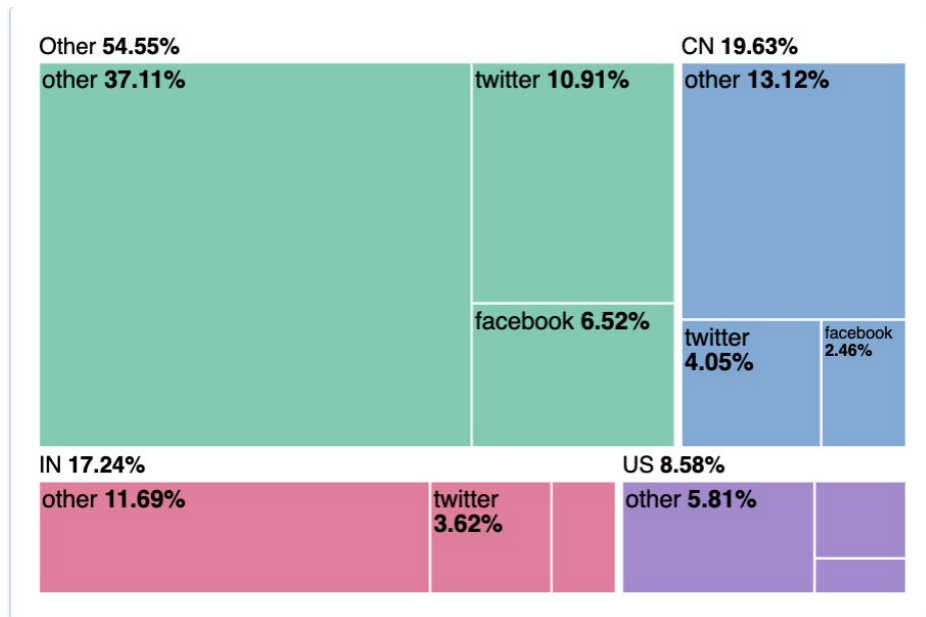


# KIBANA INTRODUCTION

## Visualizing our data

Add the user geography grouping:

1. From the Available fields list, drag geo.srcdest to the workspace.
2. To change the Group by order, drag Top values of geo.srcdest in the layer pane so that appears first.





# KIBANA INTRODUCTION

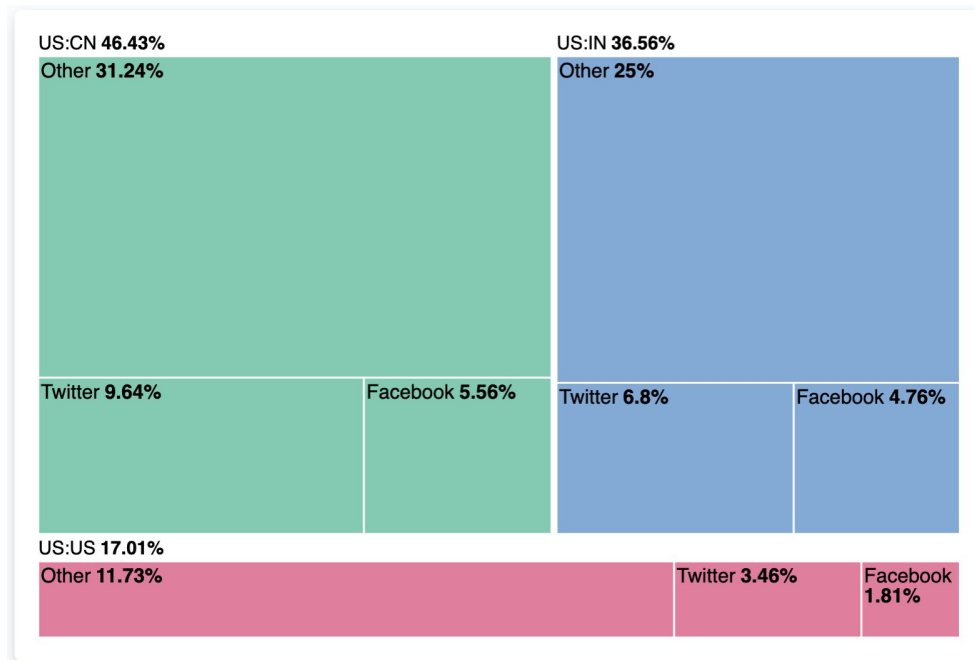
Visualizing our data

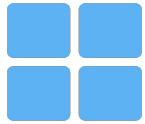
## Remove the documents that do not match the filter criteria:

1. In the layer pane, click Top values of geo.srcdest.
2. Click Advanced, then deselect Group other values as "Other", the click Close.
3. Click Save and return.

## Add a panel title:

1. Open the panel menu, then select Edit panel title.
2. In the Panel title field, enter Page views by location and referrer, then click Save.





# KIBANA INTRODUCTION

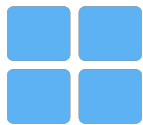
Visualizing our data

**Add on your own**

**PIE that needs to have the following:**

**Bytes by large filter (from X to \* )**





# KIBANA INTRODUCTION

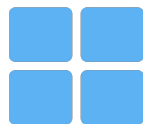
Visualizing our data

## **Arrange the dashboard panels**

Resize and move the panels so they all appear on the dashboard without scrolling.

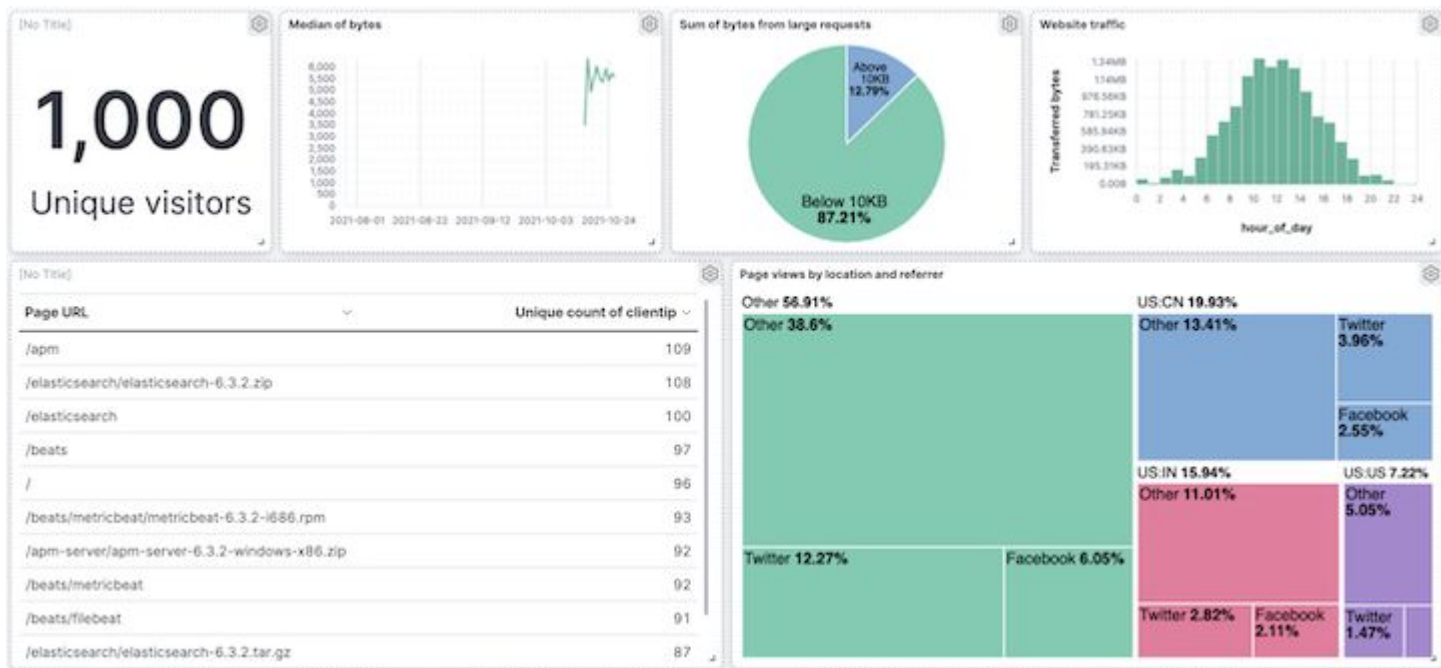
Decrease the size of the following panels, then move the panels to the first row:

- Unique visitors
- Median of bytes
- Sum of bytes from large requests
- Website traffic



# KIBANA INTRODUCTION

Visualizing our data





# KIBANA INTRODUCTION

Visualizing our data

## Save the dashboard

Now that you have a complete overview of your web server data, save the dashboard.

1. In the toolbar, click Save.
2. On the Save dashboard window, enter Logs dashboard in the Title field.
3. Select Store time with dashboard.
4. Click Save.
5. Send me the link to your Dashboard

- LAB -  
END

- KIBANA -  
WATCHER



# KIBANA INTRODUCTION

## WATCHER

### INTRO

Watcher is an Elasticsearch feature that we can use to create actions based on conditions, which are periodically evaluated using queries on our data. Watches are helpful for analyzing mission-critical and business-critical streaming data. For example, we might watch application logs for performance outages or audit access logs for security threats.



# KIBANA INTRODUCTION

## WATCHER

### Watch definition

#### **Trigger**

Determines when the watch is checked. A watch must have a trigger.

#### **Input**

Loads data into the watch payload. If no input is specified, an empty payload is loaded.

#### **Condition**

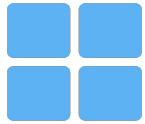
Controls whether the watch actions are executed. If no condition is specified, the condition defaults to always.

#### **Transform**

Processes the watch payload to prepare it for the watch actions. We can define transforms at the watch level or define action-specific transforms. Optional.

#### **Actions**

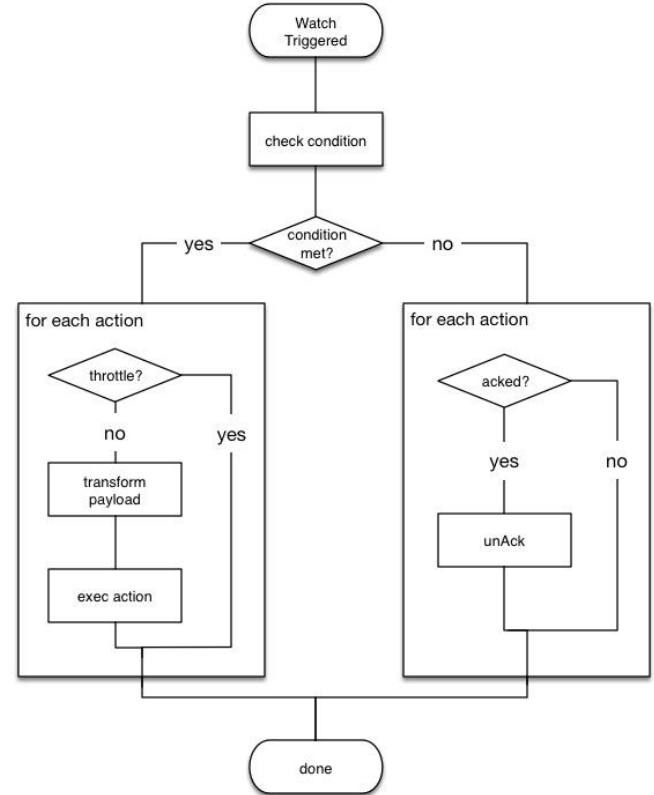
Specify what happens when the watch condition is met.



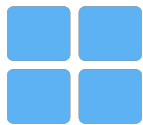
# KIBANA INTRODUCTION

## WATCHER

The following diagram shows the watch execution process:







# KIBANA INTRODUCTION

## WATCHER

### BASICS

```
PUT _watcher/watch/watch_name
{
  "trigger" : {},
  "input" : {},
  "condition" : {},
  "transform" : {},
  "actions" : {}
}
```

This is a simple elastic call that can be executed in Kibana console. This call will create an Elastic Watcher with the name “watch\_name”.

We will discuss each element separately:



# KIBANA INTRODUCTION

## WATCHER

### TRIGGER

```
"trigger" : {  
  "schedule" : {  
    "interval" : "5m"  
  }  
}
```

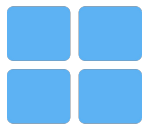
Determines when the watch execution process should start. We can either provide a cron expression or specify a period in terms of intervals.

This is an interval based trigger that will execute in a five-minute interval once the Watcher is created.

### INPUT

Input is the source from where we fetch the data and load it into the execution context. The result from this input is called a “watcher payload” or “context payload”. Watcher supports four types of inputs:

>>>>>



# KIBANA INTRODUCTION

## WATCHER

### INPUT CONTINUE

simple: load static data into the execution context

search: load the results of a search into the execution context

http: load the results of an HTTP request into the execution context

chain: use a series of inputs to load data into the execution context

### CONDITION

It is used to decide whether we should invoke a Watcher action or not.

Default is true.

The way it's been calculated is by checking the payload of the search and loading it

Into ELASTICSEARCH CTX

```
"condition": {  
  "compare": {  
    "ctx.payload.hits.total": {  
      "gt": 0  
    }  
  }  
}
```



# KIBANA INTRODUCTION

## WATCHER

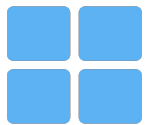
### ELASTICSEARCH CTX?

ctx is a special variable that allows we to access the source of the object

#### **Accessing the search results**

Conditions, transforms, and actions can access the search results through the watch execution context. For example:

- To load all of the search hits into an email body, use `ctx.payload.hits`.
- To reference the total number of hits, use `ctx.payload.hits.total`.
- To access a particular hit, use its zero-based array index. For example, to get the third hit, use `ctx.payload.hits.hits.2`.
- To get a field value from a particular hit, use `ctx.payload.hits.hits.<index>.fields.<fieldname>`. For example, to get the message field from the first hit, use `ctx.payload.hits.hits.0.fields.message`.



# KIBANA INTRODUCTION

## WATCHER

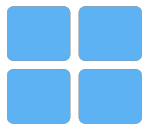
### TRANSFORMATION

A “Transform” processes and changes the payload in the watch execution context to prepare it for the watch actions.

### ACTION

It is executed when conditions are met. Eg. Send an email, send a slack message, call a rest service, add loggers, etc.

```
"actions": {  
  "log": {  
    "logging": {  
      "text": "We got the expected  
error"  
    }  
  }  
}
```



# KIBANA INTRODUCTION

## WATCHER

### WATCHER APIs

Create Watcher

CREATE:

PUT \_watcher/watch/watch\_name

```
{  
  \Body
```

```
}
```

GET \_watcher/watch/watch\_name

ACTIVATE/DEACTIVATE: PUT \_watcher/watch/watch\_name/\_activate/ OR \_deactivate

EXECUTE WATCHER: PUT \_watcher/watch/watch\_name/\_execute



# KIBANA INTRODUCTION

## WATCHER

### WATCHER APIs

WATCHER EXAMPLE >>> COPY IT TO KIBANA DEV FOR REVIEW

Highlights about the Watcher definition on the right:

- This Watcher will execute once every 10 minutes
- It will look for a particular log with the specified status in the input i.e. the search query
- In the event that the condition is fulfilled, it will execute the action
- In the action, we simply add a logger in the elastic log, which we can check in the elastic console

```
PUT /_watcher/watch/log_error_watch
{
  "trigger": {
    "schedule": {
      "interval": "10m"
    }
  },
  "input": {
    "search": {
      "request": {
        "indices": ["logs"],
        "body": {
          "query": {
            "match": {
              "message": "error"
            }
          }
        }
      }
    }
  },
  "condition": {
    "compare": {
      "ctx.payload.hits.total": {
        "gt": 0
      }
    }
  },
  "actions": {
    "log": {
      "logging": {
        "text": "We got the expected error"
      }
    }
  }
}
```



# KIBANA INTRODUCTION

## WATCHER

### TESTING

1. Let's add a new INDEX named LOG with the following mapping

```
"request": { "type": "keyword" },  
"status_code": { "type": "keyword" },  
"message": { "type": "keyword" },  
"timestamp": { "type": "date" }
```

2. Add new Document into the Index

```
"timestamp" : "2015-05-17T18:12:07.613Z",  
"request" : "GET index.html",  
"status_code" : 404,  
"message" : "Error: File not found"
```

```
PUT /_watcher/watch/log_error_watch  
{  
  "trigger": {  
    "schedule": {  
      "interval": "10m"  
    }  
  },  
  "input": {  
    "search": {  
      "request": {  
        "indices": ["logs"],  
        "body": {  
          "query": {  
            "match": {  
              "message": "error"  
            }  
          }  
        }  
      }  
    }  
  },  
  "condition": {  
    "compare": {  
      "ctx.payload.hits.total": {  
        "gt": 0  
      }  
    }  
  },  
  "actions": {  
    "log": {  
      "logging": {  
        "text": "We got the expected error"  
      }  
    }  
  }  
}
```





# KIBANA INTRODUCTION

## WATCHER

### TESTING HANDS ON

3. Execute the Watcher
4. View the log in elasticsearch logs (docker logs -f elkstack-docker\_elasticsearch\_1)

Advanced WATCHER ACTIONS:

<https://www.elastic.co/guide/en/elasticsearch/reference/master/actions.html>

```
PUT /_watcher/watch/log_error_watch
{
  "trigger": {
    "schedule": {
      "interval": "10m"
    }
  },
  "input": {
    "search": {
      "request": {
        "indices": ["logs"],
        "body": {
          "query": {
            "match": {
              "message": "error"
            }
          }
        }
      }
    }
  },
  "condition": {
    "compare": {
      "ctx.payload.hits.total": {
        "gt": 0
      }
    }
  },
  "actions": {
    "log": {
      "logging": {
        "text": "We got the expected error"
      }
    }
  }
}
```

- KIBANA -  
MANAGEMENT



# KIBANA INTRODUCTION

## MANAGING KIBANA

### SPACES

Kibana is considered the “window” to Elasticsearch and indeed it’s a powerful UI for searching, filtering, analyzing, and visualizing Elasticsearch data, but Kibana settings are also used to configure, administer and monitor the Elasticsearch cluster. In this lesson, we’re going to explore how Kibana settings can be tweaked for collaborative teamwork.

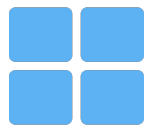


# KIBANA INTRODUCTION

## MANAGING KIBANA

In Kibana spaces we will learn about

- Spaces enable we to organize various Dashboards, Visualizations, Searches, and other so-called Saved Objects on our Kibana instance, into distinct “spaces” where different user groups can access what they need.
- This can be especially useful for segregating various business users according to departments like Marketing, Security, Development, Operations, Finance etc.
- We can also assign access to multiple spaces for specific users, in which case they'll see their accessible spaces when logging in.



# KIBANA INTRODUCTION

## MANAGING KIBANA

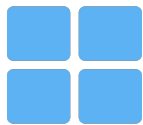
In Kibana spaces we will learn about

### **Export Kibana Dashboards**

- In relation to Spaces, Kibana allows us to transfer a selected set of Saved Objects either by copying them between Spaces within a single Kibana instance or by exporting them in JSON format from one Kibana instance and importing into another instance. This can be useful in multi-cluster environments.

### **Advanced Kibana Settings**

- Lastly, we'll take a look at some settings related to user setup and spaces such as setting a default landing page when entering a space or switching to Dark mode.



# KIBANA INTRODUCTION

## MANAGING KIBANA

### KIBANA SPACES

Let's start by navigating to the Management app in Kibana → and from there, head over to the Spaces configuration in the Kibana section. It can be found here running on our remote host and default port

[http://REMOTEHOST:5601/app/kibana#/management/spaces/list?\\_g=\(\)](http://REMOTEHOST:5601/app/kibana#/management/spaces/list?_g=())

As we can see right away, there's already one space created for us by default (named Default). It's always present if we haven't explicitly disabled spaces. All objects that are contained inside the default space are shared between all users.




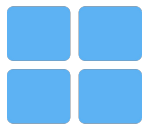
# KIBANA INTRODUCTION

## MANAGING KIBANA

### KIBANA SPACES

Let's create a new space by clicking on Create a space. We'll add the name "DevOps" and we can optionally provide a description. Lastly, we have the option to choose a color for space. This is helpful to visually differentiate spaces for users who have access to multiple spaces.

<b>Name</b>	<b>Avatar</b>
<input type="text" value="DevOps"/>	
<b>URL identifier</b> <a href="#">[customize]</a>	
<input type="text" value="devops"/>	
Example: <code>https://my-kibana.example/s/devops/app/kibana</code> .	
<b>Description (optional)</b>	
<input type="text" value="Space of our DevOps guys."/>	
The description appears on the Space selection screen.	



# KIBANA INTRODUCTION

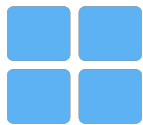
## MANAGING KIBANA

### KIBANA SPACES

Then, scroll down to the Filters section where we can also filter out any sections that are not relevant for the specific target group. Our DevOps example would likely need access to most or all of these, but if we would be preparing a space for marketing, for example, we'd probably want to hide most of these and just enable access to the Dashboard menu option.

Bear in mind that this only hides or displays the menu options in the Kibana UI, but users would still be able to reach those areas via a direct URL. In other words, these Filters are not a replacement for access control features which would need to be handled separately.





# KIBANA INTRODUCTION

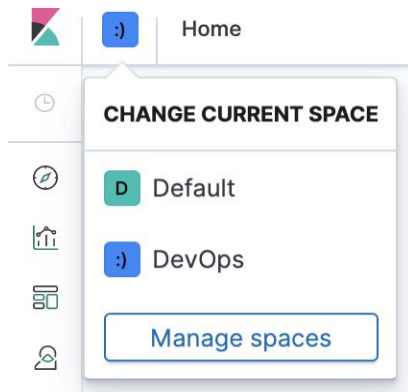
## MANAGING KIBANA

### KIBANA SPACES

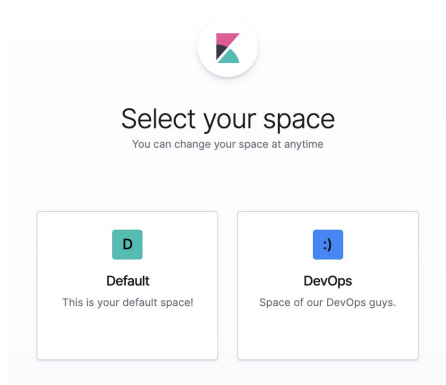
Feature	Show? <small>(change all)</small>
Discover	<input checked="" type="checkbox"/>
Visualize	<input checked="" type="checkbox"/>
Dashboard	<input checked="" type="checkbox"/>
Dev Tools	<input checked="" type="checkbox"/>
Advanced Settings	<input checked="" type="checkbox"/>
Index Pattern Management	<input checked="" type="checkbox"/>
Saved Objects Management	<input checked="" type="checkbox"/>
Graph	<input type="checkbox"/>
Stack Monitoring	<input checked="" type="checkbox"/>
Machine Learning	<input type="checkbox"/>
APM	<input checked="" type="checkbox"/>
Maps	<input type="checkbox"/>
Canvas	<input type="checkbox"/>
Metrics	<input checked="" type="checkbox"/>
Logs	<input checked="" type="checkbox"/>
SIEM	<input type="checkbox"/>
Uptime	<input checked="" type="checkbox"/>

Once finished click create

Now we can see the new space in the top left menu by clicking on the Spaces icon next to the Kibana logo. This menu is great for quickly jumping between different spaces.



### NEW LOGIN SCREEN





# KIBANA INTRODUCTION

## MANAGING KIBANA

### Advanced Kibana settings

For our last example, let's head over to the Advanced Settings section in the Management app where many settings are concentrated.

First of all, bear in mind the warning box that is displayed on top of the page saying “Caution: We can break stuff here”. This is true. All sorts of settings, both “high” and “low” level, are found here in one place, so always double-check what we're about to tweak. Secondly, these settings are mostly applied to the active space (i.e. not globally), which is useful for our case.



# KIBANA INTRODUCTION

## MANAGING KIBANA

### Advanced Kibana settings

#### Default route

This setting specifies the default route when opening Kibana. You can use this setting to modify the landing page when opening Kibana. The route must start with a slash ("/").

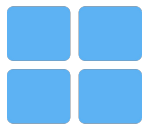
Default: `/app/kibana`

#### defaultRoute

`/app/monitoring`

[Reset to default](#)

We can change the default landing page to which the users are redirected when they switch to a given space. Do so with the Default route setting. Here we have switched the default landing page to the Monitoring app which aggregates information about our Elastic Stack components. For example, our Operations team can go straight to the overview of the cluster, similarly, we can guide marketing users to their main dashboard.



# KIBANA INTRODUCTION

## MANAGING KIBANA

### Advanced Kibana settings

More advanced options can be seen in the following link

<https://www.elastic.co/guide/en/kibana/current/advanced-options.html>