LAB-5

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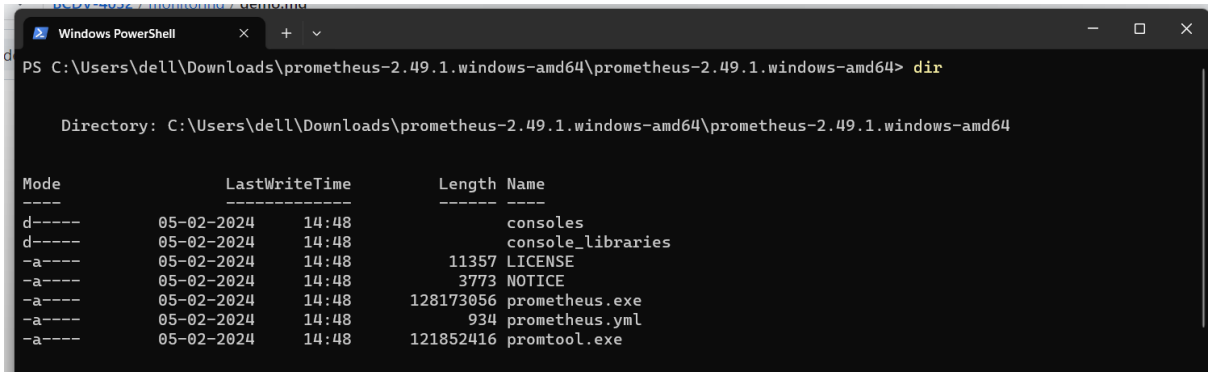
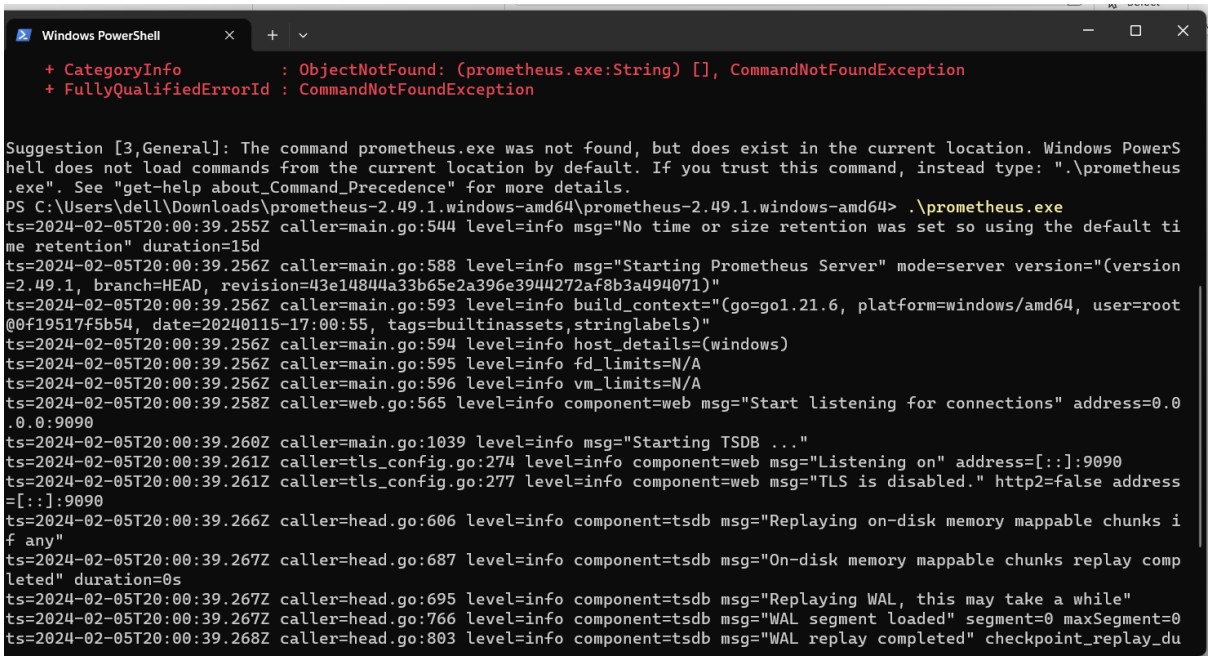
101492067

Installation Part: -





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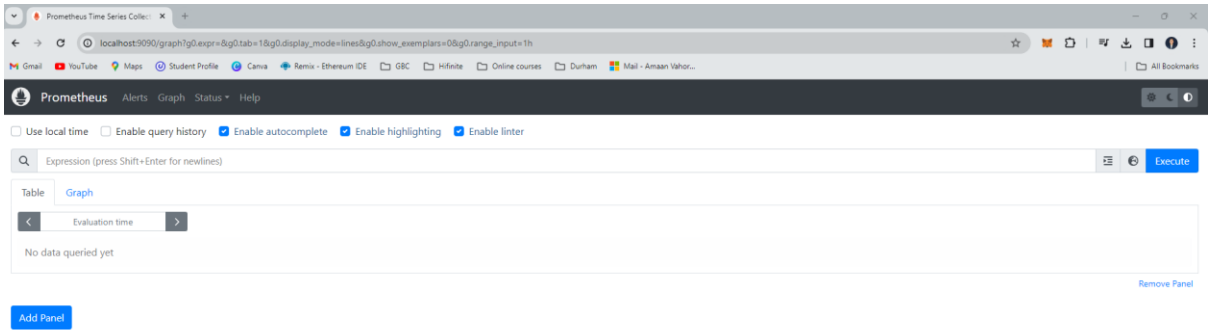
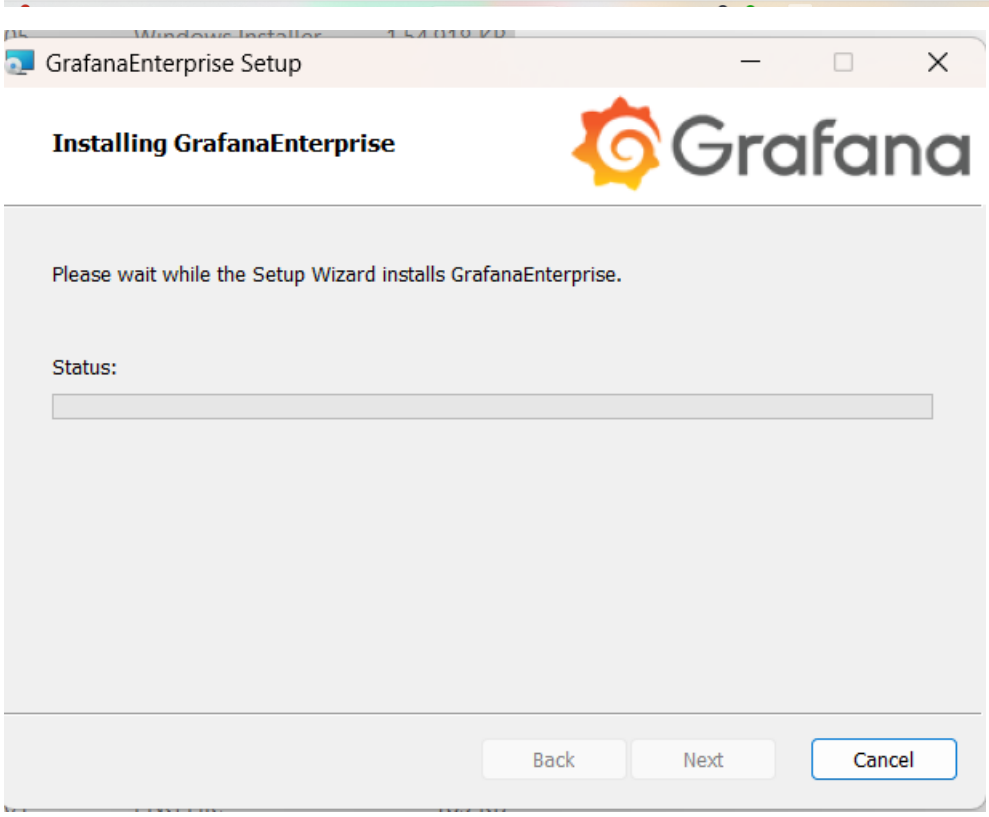

Prometheus
Alerts
Graph
Status
Help
Use local time
Enable query history
Enable autocomplete
Enable highlighting
Enable linter
Expression (press Shift+Enter for newlines)
Execute
Table
Graph
Evaluation time
No data queried yet
Remove Panel
Add Panel


GrafanaEnterprise Setup
Installing GrafanaEnterprise
Grafana
Please wait while the Setup Wizard installs GrafanaEnterprise.
Status:
Back
Next
Cancel

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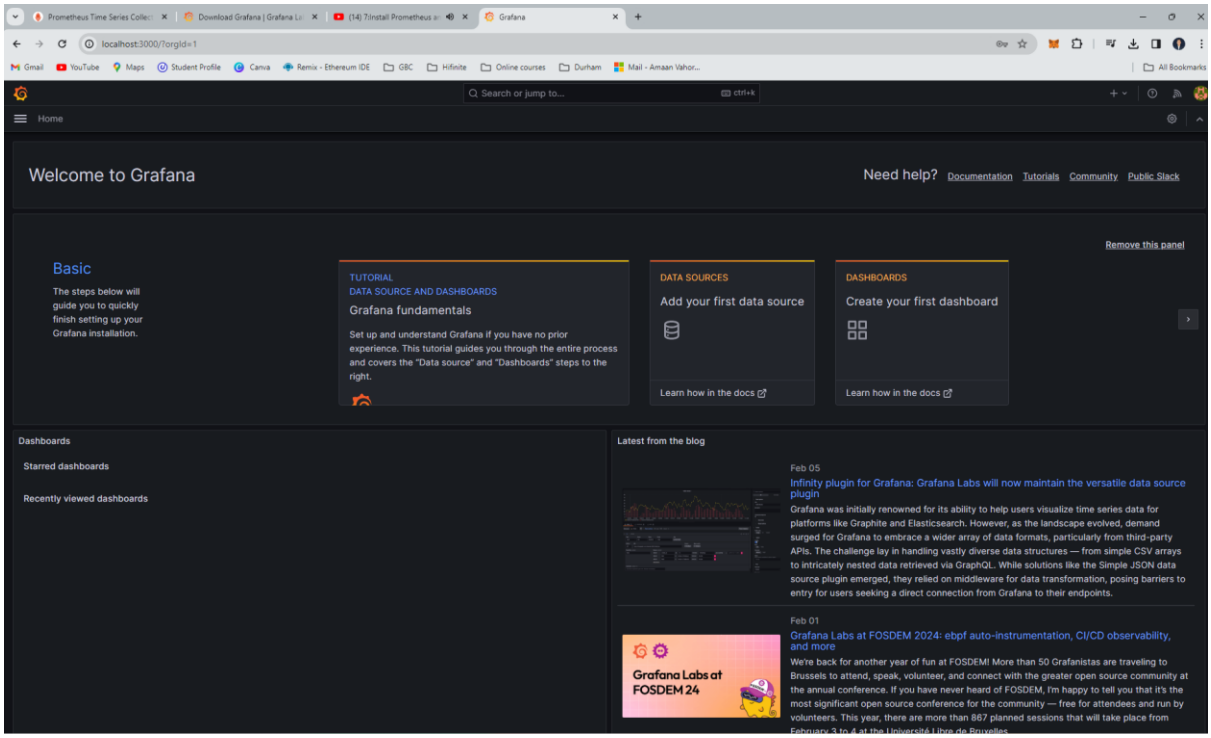


```
    ▪ Using image docker.io/kubernetesui/metrics-scraper:v1.0.8
    ▪ Using image docker.io/kubernetesui/dashboard:v2.7.0
    ▪ Using image gcr.io/k8s-minikube/storage-provisioner:v5
    ▪ Using image registry.k8s.io/metrics-server/metrics-server:v0.6.4
💡  Some dashboard features require the metrics-server addon. To enable all features please run:

        minikube addons enable metrics-server


🌟  Enabled addons: storage-provisioner, metrics-server, default-storageclass, dashboard
🏄  Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
PS C:\Users\dell> kubectl create namespace mointoring
namespace/mointoring created
PS C:\Users\dell> kubectl get namespaces
NAME                   STATUS   AGE
default                Active   14d
kube-node-lease        Active   14d
kube-public            Active   14d
kube-system            Active   14d
kubernetes-dashboard   Active   14d
mointoring             Active   24s
PS C:\Users\dell> choco install kubernetes-helm
Chocolatey v2.2.2
Chocolatey detected you are not running from an elevated command shell
 (cmd/powershell).

 You may experience errors - many functions/packages
 require admin rights. Only advanced users should run choco w/out an
 elevated shell. When you open the command shell, you should ensure
 that you do so with "Run as Administrator" selected. If you are
 attempting to use Chocolatey in a non-administrator setting, you
 must select a different location other than the default install
 location. See
 https://docs.chocolatey.org/en-us/choco/setup#non-administrative-install
 for details.


 Do you want to continue?([Y]es/[N]o): y

Installing the following packages:
kubernetes-helm
By installing, you accept licenses for the packages.
Progress: Downloading kubernetes-helm 3.13.3... 100%
```

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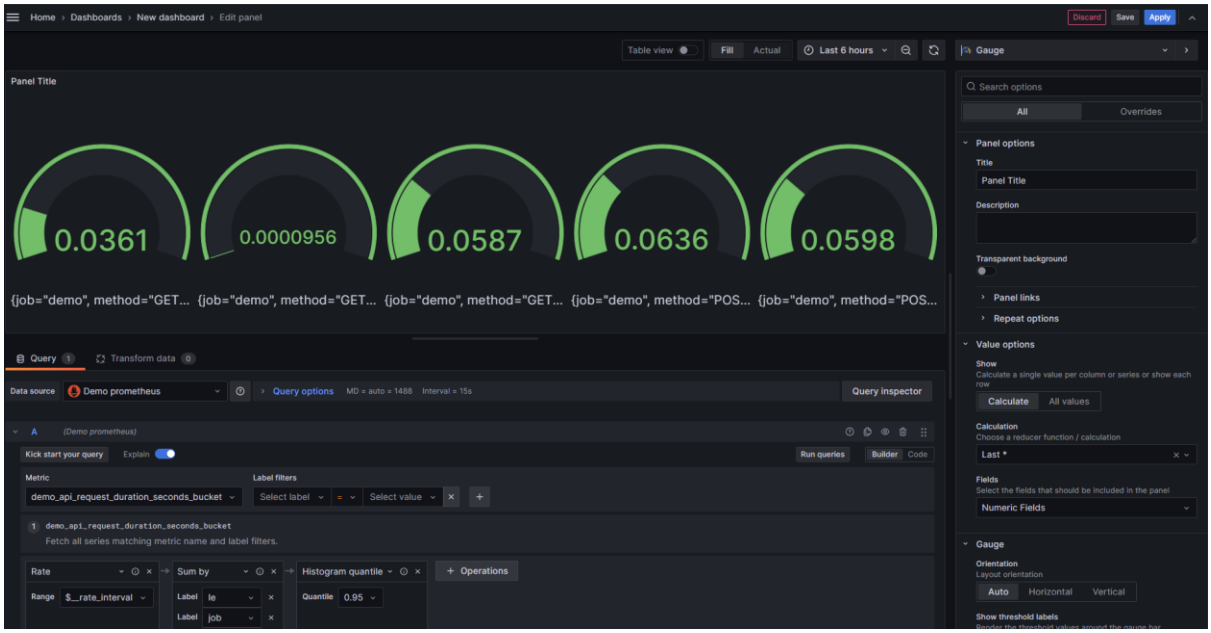
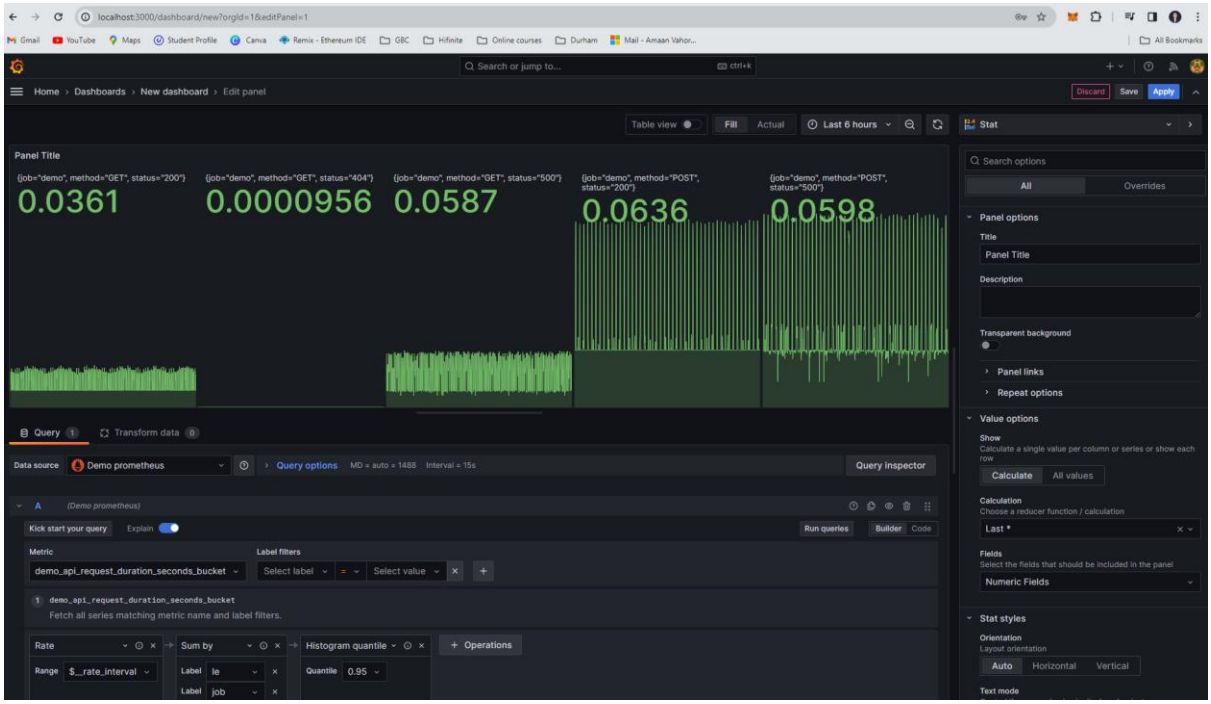
Dashboards: -





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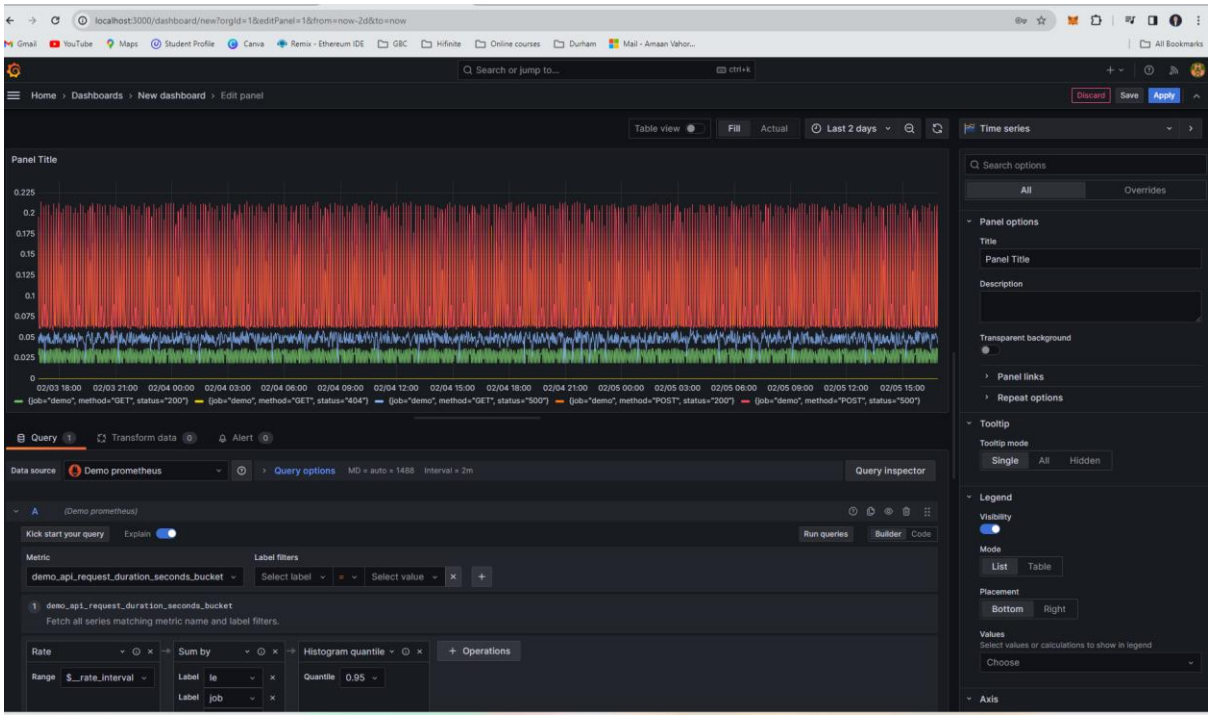
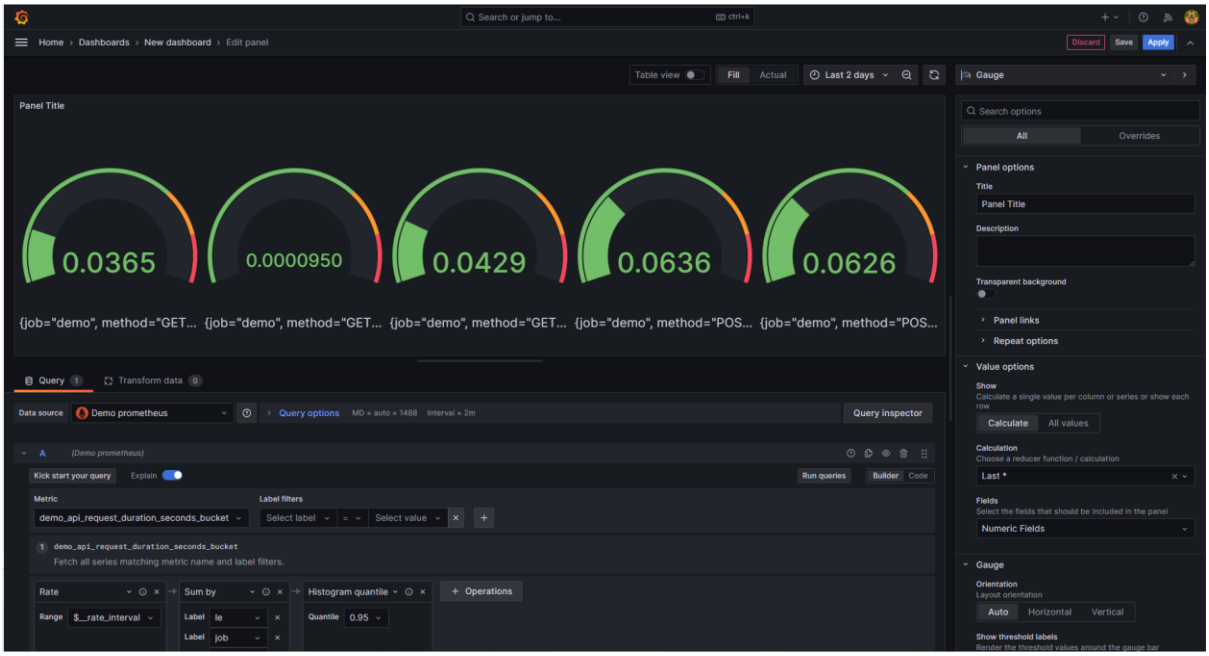

Home › Dashboards › New dashboard › Edit panel
Discard
Save
Apply
Table view
Fill
Actual
Last 2 days
Time series
Panel Title
Query
Transform data
Alert
Data source
Demo prometheus
Query options
Query inspector
Kick start your query
Explain
Run queries
Builder
Code
Metric
Label filters
demo_api_request_duration_seconds_bucket
Select label
Select value
Fetch all series matching metric name and label filters.
Rate
Sum by
Histogram quantile
Operations
Range
$__rate_interval
Label
le
job
Quantile
0.95
Panel options
Title
Description
Transparent background
Panel links
Repeat options
Tooltip
Tooltip mode
Single
All
Hidden
Legend
Visibility
Mode
List
Table
Placement
Bottom
Right
Values
Choose
Axis


Home › Dashboards › New dashboard › Edit panel
Discard
Save
Apply
Table view
Fill
Actual
Last 2 days
Gauge
Panel Title
0.0365
0.0000950
0.0429
0.0636
0.0626
{job="demo", method="GET... {job="demo", method="GET... {job="demo", method="GET... {job="demo", method="POS... {job="demo", method="POS...
Query
Transform data
Data source
Demo prometheus
Query options
Query inspector
Kick start your query
Explain
Run queries
Builder
Code
Metric
Label filters
demo_api_request_duration_seconds_bucket
Select label
Select value
Fetch all series matching metric name and label filters.
Rate
Sum by
Histogram quantile
Operations
Range
$__rate_interval
Label
le
job
Quantile
0.95
Panel options
Title
Description
Transparent background
Panel links
Repeat options
Value options
Show
Calculate a single value per column or series or show each row
Calculate
All values
Calculation
Choose a reducer function / calculation
Last *
Fields
Select the fields that should be included in the panel
Numeric Fields
Gauge
Orientation
Layout orientation
Auto
Horizontal
Vertical
Show threshold labels
Render the threshold values around the gauge bar