

Redash Export Integration

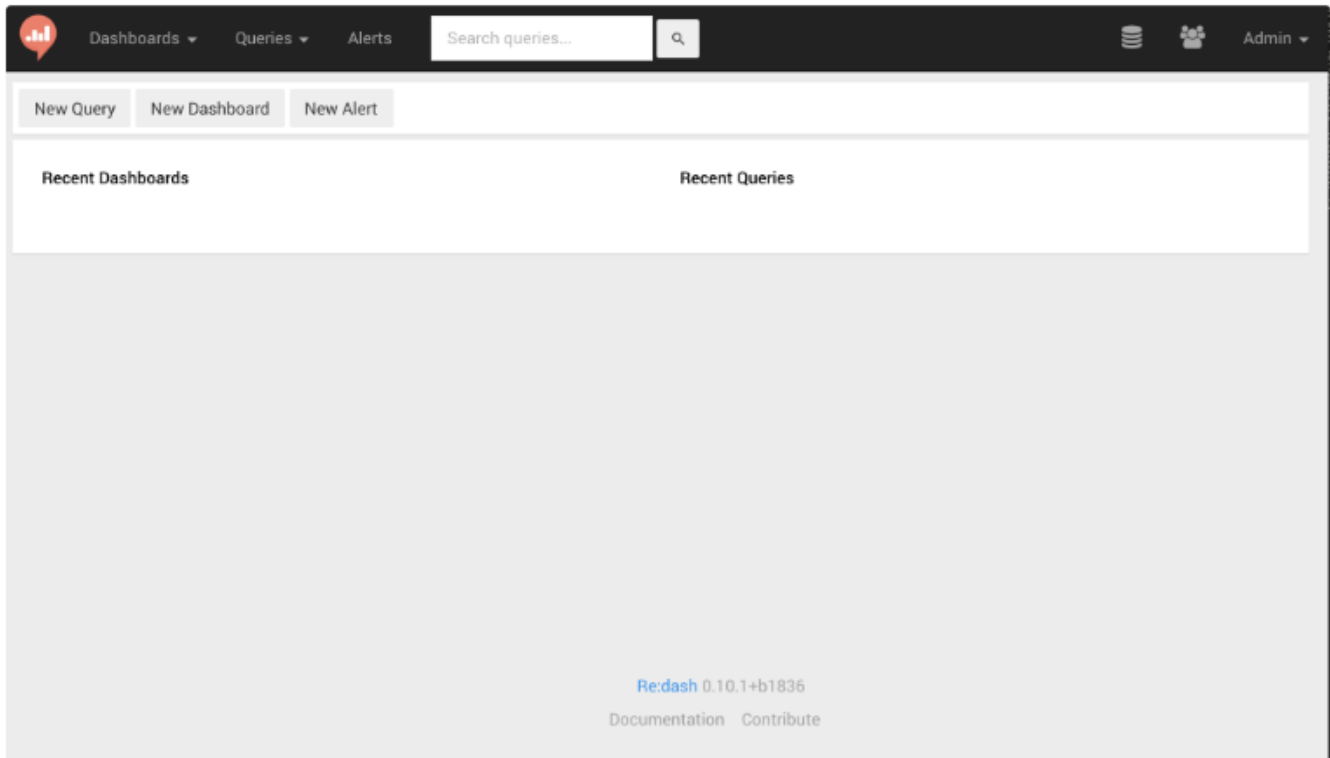
Redash is an open-source data collaboration and visualization platform. Users can visualize their own data from Treasure Data with Redash by building their own dashboards with Redash and Treasure Data.



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Configure in Redash

- Environments
 - Redash v0.10.1 by using [AMI Image](#)
 - Treasure Data account
- Choose AMI Image from [docs](#).
- Launch `redash-0101b1834.1-us-east-1 - ami-52c3373f (ami-52c3373f)` or later.
- Open `http://(Address)/login` as admin/admin.



Configure in Your Connector

Add Treasure Data Connector

To add Treasure Data connector as a data source, edit the following parameters.

- Name: Any
- Type: TreasureData
- APIKEY: Any (Required)
- Database Name: Any (Required)
- Endpoint: <https://api.treasuredata.com/> (Default: <https://api.treasuredata.com/>)
- Auto Schema Retrieval: Off (default) — If you turn on this feature, Treasure Data's table schema appears in Query Editor. But, if you have a lot of schema in Treasure Data, this feature might affect the performance.
- Type: hive (Default) / presto (Paid Plan)

Settings

DATA SOURCES
USERS
GROUPS

Name

Type

Apikey

Database Name

Endpoint

Auto Schema Retrieval

Type

Try New Query

After adding Treasure Data connector, you can select it as a Data Source on the New Query page. You can see the table schema on the right. After issuing a new query, you can see the results at the bottom. Optionally, you can select Refresh Interval to collect data automatically.

New Query

No description

```

1 SELECT code,
2       count(1) AS cnt
3 FROM www_access
4 GROUP BY 1
    
```

sample_datasets.nasdaq
sample_datasets.www_access
 [{"user","int"}]
 [{"host","string"}]
 [{"path","string"}]
 [{"referer","string"}]
 [{"code","long"}]
 [{"agent","string"}]
 [{"size","long"}]
 [{"method","string"}]

Created By Admin
 Last update **a minute ago**
 Runtime **9s**
 Rows **3**
 Refresh Schedule **Never**
 Data Source **TreasureData**

Table Pivot Table + New Visualization

Code	Cnt
200	4,981
404	17
500	2

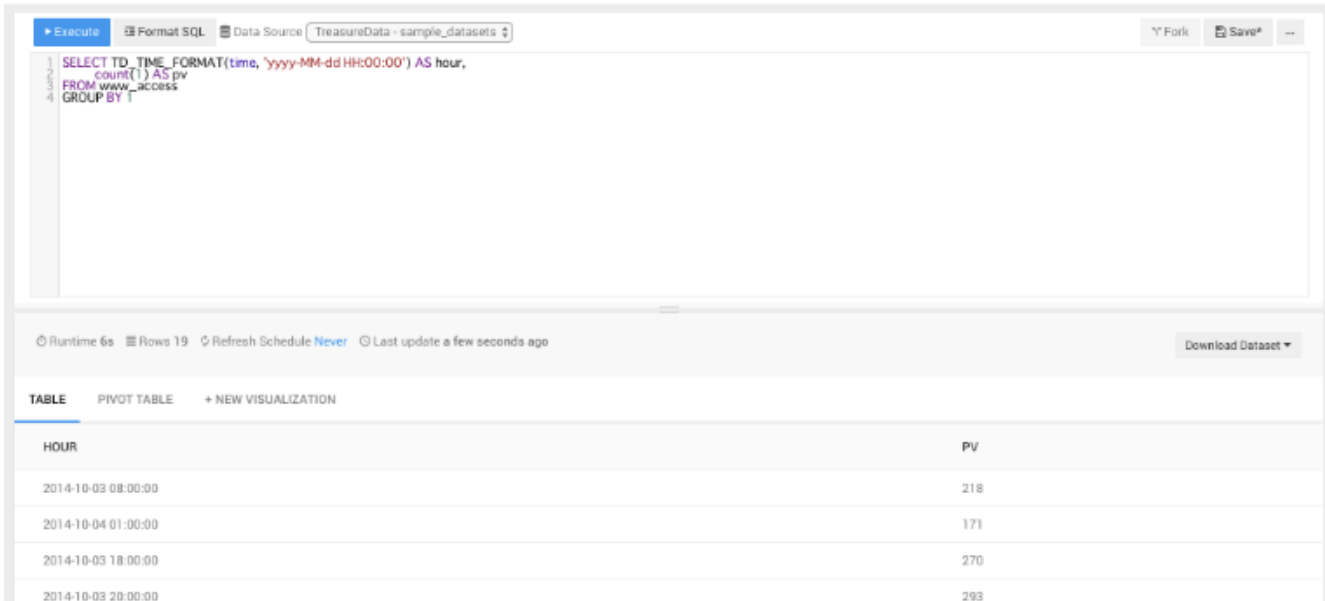
< 1 >

Also, you can see the job issued from Redash on Treasure Data Console.

New Query

No description

Created By Admin Updated at - Created at -



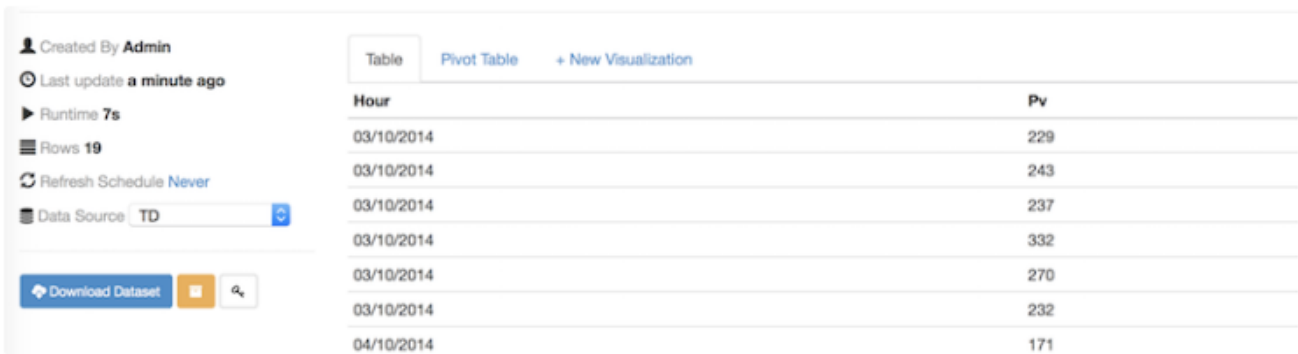
The screenshot shows the Redash interface for a new query. At the top, there are buttons for 'Execute', 'Format SQL', and 'Data Source' (set to 'TreasureData - sample_datasets'). The SQL query is: `SELECT TD_TIME_FORMAT(time, 'yyyy-MM-dd HH:00:00') AS hour, count(1) AS pv FROM www_access GROUP BY 1`. Below the query, the execution status is shown: 'Runtime 6s', 'Rows 19', 'Refresh Schedule Never', and 'Last update a few seconds ago'. A 'Download Dataset' button is visible. The results are displayed in a table view with two columns: 'HOUR' and 'PV'.

HOUR	PV
2014-10-03 08:00:00	218
2014-10-04 01:00:00	171
2014-10-03 18:00:00	270
2014-10-03 20:00:00	293

Visualize Collected Data

Let's set the following query, you can get Page View.

```
SELECT TD_TIME_FORMAT(time, 'yyyy-MM-dd HH:00:00') as hour, count(1) as pv FROM www_access GROUP BY 1
```



The screenshot shows the Redash interface with a sidebar on the left. The sidebar contains: 'Created By Admin', 'Last update a minute ago', 'Runtime 7s', 'Rows 19', 'Refresh Schedule Never', and 'Data Source TD'. The main area shows the query results in a table view with columns 'Hour' and 'Pv'. The results are: 03/10/2014 (229), 03/10/2014 (243), 03/10/2014 (237), 03/10/2014 (332), 03/10/2014 (270), 03/10/2014 (232), and 04/10/2014 (171). A 'Download Dataset' button is also present.

Hour	Pv
03/10/2014	229
03/10/2014	243
03/10/2014	237
03/10/2014	332
03/10/2014	270
03/10/2014	232
04/10/2014	171

To visualize the above data, click + New Visualization button, and then you can edit graph.

Visualization Editor

Visualization Type: Chart

Visualization Name: sample_pv

GENERAL X AXIS Y AXIS SERIES

Chart Type: Bar

X Column: hour

Y Column: pv

Group by: Choose column...

Show Legend

Stacking: Disabled

Time	pv
Oct 3 09h	150
Oct 3 10h	220
Oct 3 11h	220
Oct 3 12h	220
Oct 3 13h	230
Oct 3 14h	240
Oct 3 15h	250
Oct 3 16h	260
Oct 3 17h	270
Oct 3 18h	280
Oct 3 19h	290
Oct 3 20h	300
Oct 3 21h	310
Oct 3 22h	320
Oct 3 23h	330
Oct 3 24h	340
Oct 3 25h	350
Oct 3 26h	360
Oct 3 27h	370
Oct 3 28h	380
Oct 3 29h	390
Oct 3 30h	400
Oct 3 31h	410
Oct 3 32h	420
Oct 3 33h	430
Oct 3 34h	440
Oct 3 35h	450
Oct 3 36h	460
Oct 3 37h	470
Oct 3 38h	480
Oct 3 39h	490
Oct 3 40h	500
Oct 3 41h	510
Oct 3 42h	520
Oct 3 43h	530
Oct 3 44h	540
Oct 3 45h	550
Oct 3 46h	560
Oct 3 47h	570
Oct 3 48h	580
Oct 3 49h	590
Oct 3 50h	600
Oct 3 51h	610
Oct 3 52h	620
Oct 3 53h	630
Oct 3 54h	640
Oct 3 55h	650
Oct 3 56h	660
Oct 3 57h	670
Oct 3 58h	680
Oct 3 59h	690
Oct 3 60h	700
Oct 4 00h	180

To save your graph, change the title on top.

New Query Hide Source

No description

Created By Admin Updated at 2 minutes ago Created at 2 minutes ago

```

1 SELECT TO_TIME_FORMAT(time, 'yyyy-MM-dd HH:00:00') AS hour,
2 count(1) AS pv
3 FROM www_bc0055
4 GROUP BY 1

```

Runtime 6s Rows 19 Refresh Schedule Never Last update 3 minutes ago Download Dataset -

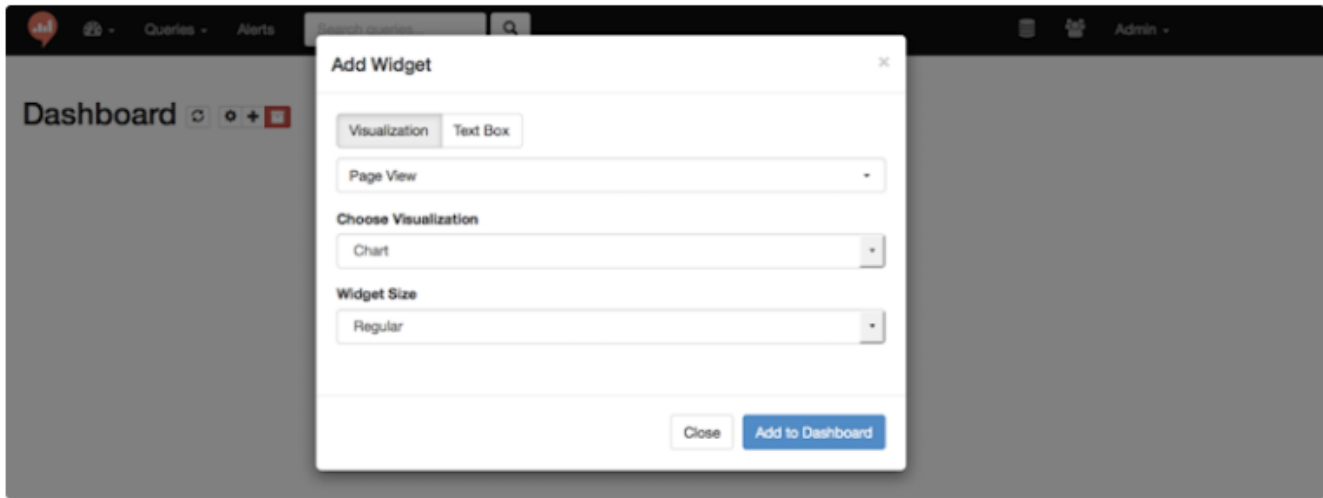
TABLE PIVOT TABLE **SAMPLE_PV** + NEW VISUALIZATION

Time	pv
Oct 3 09h	150
Oct 3 10h	220
Oct 3 11h	220
Oct 3 12h	220
Oct 3 13h	230
Oct 3 14h	240
Oct 3 15h	250
Oct 3 16h	260
Oct 3 17h	270
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Oct 3 22h	320
Oct 3 23h	330
Oct 3 24h	340
Oct 3 25h	350
Oct 3 26h	360
Oct 3 27h	370
Oct 3 28h	380
Oct 3 29h	390
Oct 3 30h	400
Oct 3 31h	410
Oct 3 32h	420
Oct 3 33h	430
Oct 3 34h	440
Oct 3 35h	450
Oct 3 36h	460
Oct 3 37h	470
Oct 3 38h	480
Oct 3 39h	490
Oct 3 40h	500
Oct 3 41h	510
Oct 3 42h	520
Oct 3 43h	530
Oct 3 44h	540
Oct 3 45h	550
Oct 3 46h	560
Oct 3 47h	570
Oct 3 48h	580
Oct 3 49h	590
Oct 3 50h	600
Oct 3 51h	610
Oct 3 52h	620
Oct 3 53h	630
Oct 3 54h	640
Oct 3 55h	650
Oct 3 56h	660
Oct 3 57h	670
Oct 3 58h	680
Oct 3 59h	690
Oct 3 60h	700
Oct 4 00h	180

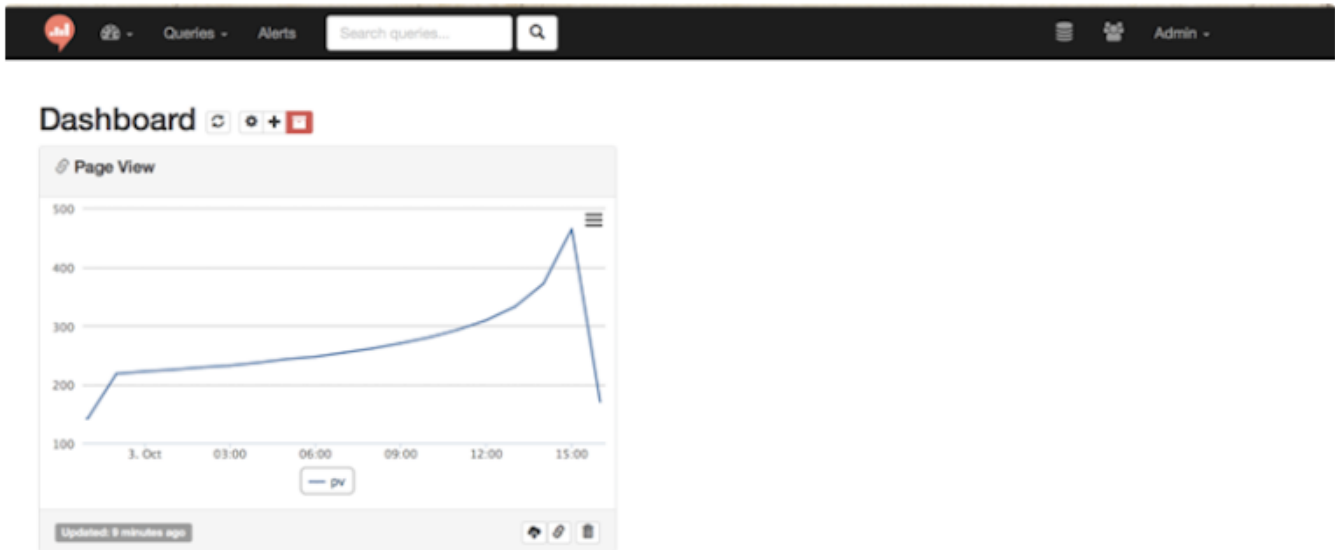
Build Your Dashboard

After visualized collected data, you can build your own dashboard.

Move to dashboard page, and you can add your graph by Add widget.



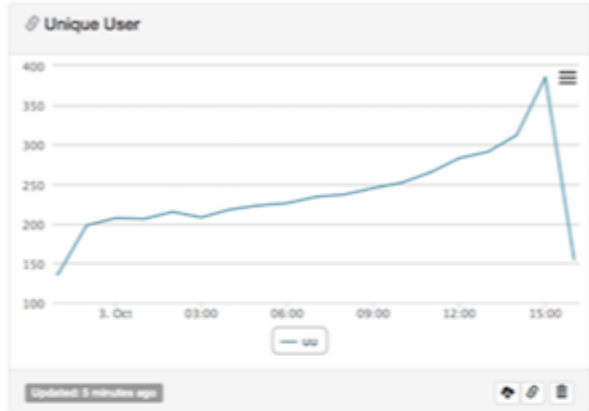
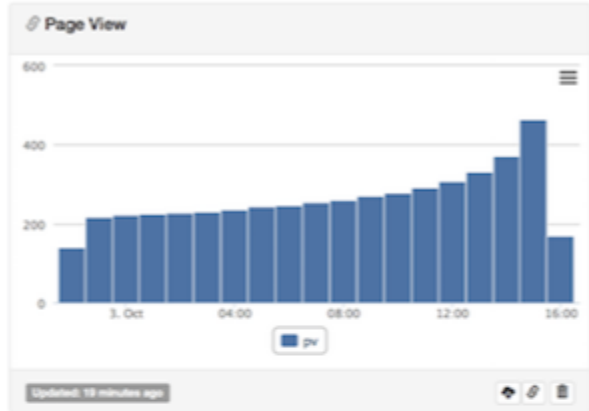
Then, you can see Page View on your dashboard.



Conclusion

You can collect data to Treasure Data easily and visualize data on Treasure Data by Redash!

Dashboard



Top 10 Page

Path	Cnt
/category/electronics	639
/category/software	416
/category/books	285
/category/games	231
/category/office	190
/category/jewelry	135
/category/music	97
/category/health	94
/category/computers	91
/category/finance	91

Updated: 2 minutes ago