

Metabase (Experimental)

Metabase is an open source data collaboration and visualization platform. You can visualize your data from Treasure Data with Metabase. See <https://www.metabase.com/docs/latest/> for more detail about Metabase.

This topic includes:

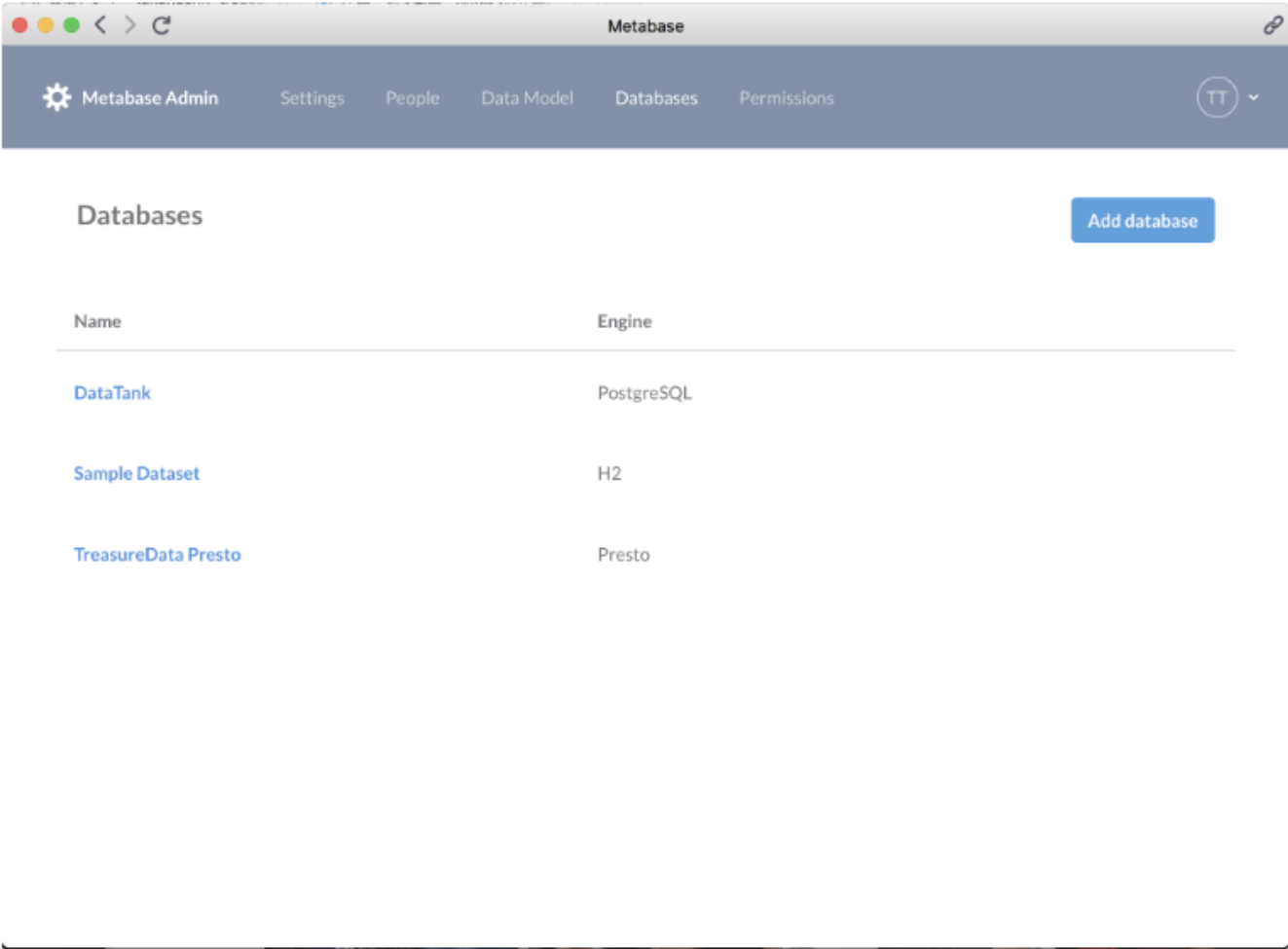
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Set up Metabase

See [Metabase installation](#). This page describes a way to connect to Treasure Data Presto from Metabase with Mac OS X application.

Set up Presto connection

1. Install Metabase.
2. Navigate to the Databases page on the Admin menu.
3. Click **Add database**.



You'll see a list of database types.

4. Write down the following information based on your account:

- Database type: Presto
- Name: <Any name>
- Host: api-presto.treasuredata.com
- Port: 443
- Database name: td-presto
- Database username: <YOUR TREASURE DATA APIKEY>
- Database password: <any password (Treasure Data Presto validates only APIKEY)>
- Use an SSH-tunnel for database connections: OFF (Not Supported)
- This is a large database, so let me choose when Metabase syncs and scans: YES



[DATABASES](#) > **ADD DATABASE**

Database type:
Presto

Name:
How would you like to refer to this database?

Host:
localhost

Port:
8080

Database name:
hive

Database username:
metabase

After the connection is established, Metabase takes a look at the metadata of the fields in your tables and automatically assigns them a field type. Also, you'll select one of three scan options in the Scheduling tab.

Review [managing databases](#) for more details.

DATABASE SYNCING

This is a lightweight process that checks for updates to this database's schema. In most cases, you should be fine leaving this set to sync hourly.

Scan

SCANNING FOR FILTER VALUES

Metabase can scan the values present in each field in this database to enable checkbox filters in dashboards and questions. This can be a somewhat resource-intensive process, particularly if you have a very large database.

When should Metabase automatically scan and cache field values?

Regularly, on a schedule

Scan

at

Only when adding a new filter widget

Never, I'll do this manually if I need to

5. If you'd like to sync your database manually at any time, click on it from the Databases list in the admin panel and click **Sync** on the right side of the screen.

Connection Scheduling

Database type:

Presto

Name:

TreasureData Presto

Host:

api-presto.treasuredata.com

Actions

Sync database schema now

Re-scan field values now

Danger Zone

Discard saved field values

Remove this database

You can see your table schema at [View Schema](#) after the schema load is completed.



Permissions

Databases	Administrators ?		All Users ?	
	DATA ACCESS	SQL QUERIES	DATA ACCESS	SQL QUERIES
Sample Dataset View tables	✓		✓	
DataTank View schemas	✓		✓	
TreasureData Presto View schemas	✓		✓	

6. Create a Native Query on New Question.

7. Specify a table by FROM <database_name>.<table_name>.

New question

SAVE     

DATABASE

TreasureData Presto 

HIDE EDITOR 

```
1 SELECT * FROM sample_datasets.www_access
```

VISUALIZATION

 Table  

 Refresh

 Showing 5,000 rows 

User	Host	Path	Refer Er
	128.201.191.32	/category/office	/item/finance/4164
	40.129.109.180	/item/software/2265	-
	52.120.217.35	/category/toys	-
	52.36.173.175	/item/electronics/3305	http://www.google.com/search?ie=UTF-8&q=google&sclient=psy-ab&q=Electroni
	64.51.37.197	/category/software	/category/electronics
	184.90.157.127	/item/electronics/1068	/search/?c=Electronics