

Setup MySQL connect as a data source on Google Data Studio

MySQL is one of popular database on linux platform, and I would like to share how to use MySQL database as a source on Google Data Studio.

Followings are the pre-condition you need to prepare before setup your database as a source

- MySQL Database (database, user, password)
- MySQL connection port needs to be opened if your server is under firewall. Default port number is 3306, but recommend you to use different number if you can change it. Reference: [Change MySQL port number](#)

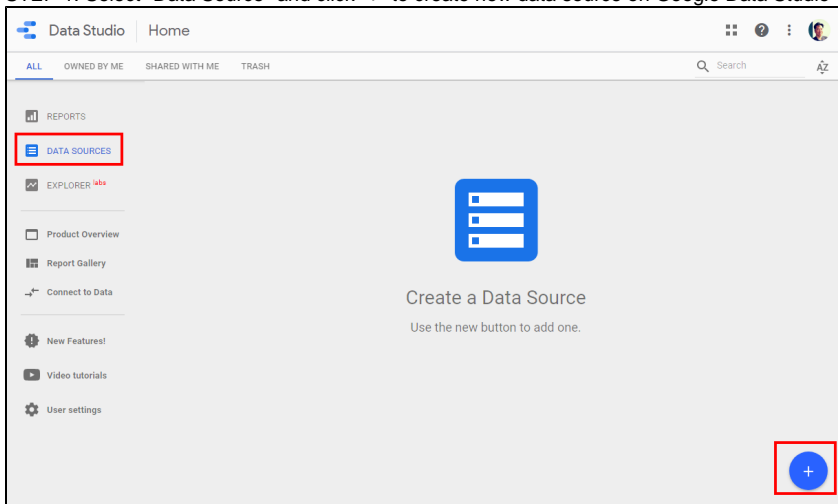
If you ready above, you can set its JDBC URL as following

```
jdbc:mysql://<hostname or IP address>[:<port>]/<database>
```

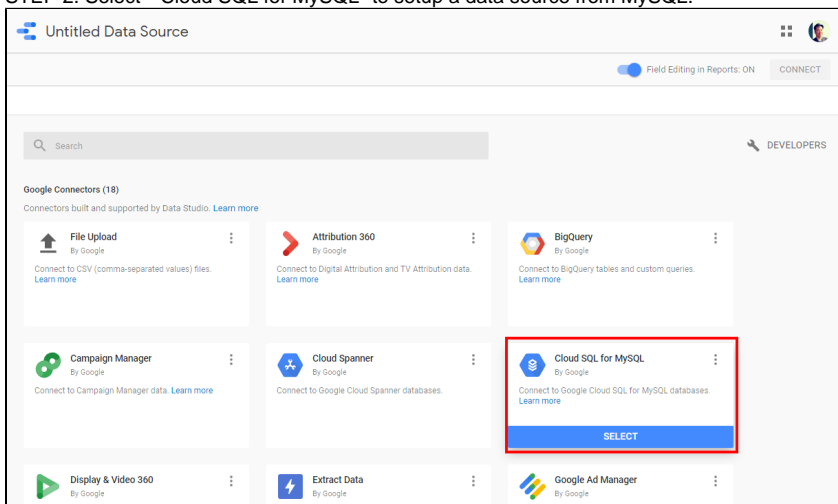
Note that you cannot put "localhost", because Google Data Studio server needs to connect to your MySQL server remotely for getting necessary data - meaning it should be public IP address.

If everything above is ready, let us start connection by MySQL Connector.

STEP 1. Select "Data Source" and click "+" to create new data source on Google Data Studio



STEP 2. Select "'Cloud SQL for MySQL'" to setup a data source from MySQL.



STEP 3. Click "Authorize" and "Allow"

Untitled Data Source

Field Editing in Reports: ONCONNECT

← SELECT CONNECTOR

Cloud SQL for MySQL

By Google

Google Cloud SQL is a fully-managed database service that makes it easy to set-up, maintain, manage and administer your relational MySQL databases on Google Cloud Platform. The Google Cloud SQL connector allows you to access data from Google Cloud SQL databases within Data Studio.

LEARN MOREREPORT AN ISSUE


Authorization

Data Studio requires authorization to connect to data.

AUTHORIZE

Sign in with Google

Google Data Studio wants to access your Google Account

 kurapa@kurapa.com

This will allow Google Data Studio to:

● Manage the data in your Google SQL Service instances

Make sure you trust Google Data Studio

You may be sharing sensitive info with this site or app. Learn about how Google Data Studio will handle your data by reviewing its terms of service and privacy policies. You can always see or remove access in your Google Account.

[Learn about the risks](#)

CancelAllow

STEP 4. Put the connection information on Basic and

Untitled Data Source

Field Editing in Reports: ONCONNECT

← SELECT CONNECTOR

Cloud SQL for MySQL

By Google

Google Cloud SQL is a fully-managed database service that makes it easy to set-up, maintain, manage and administer your relational MySQL databases on Google Cloud Platform. The Google Cloud SQL connector allows you to access data from Google Cloud SQL databases within Data Studio.

LEARN MOREREPORT AN ISSUE

BASIC

JDBC URL

Database Authentication

Instance Connection Name

Test

Database

Username

Password

AUTHENTICATE

Untitled Data Source

Field Editing in Reports: ON
 CONNECT

← SELECT CONNECTOR

Cloud SQL for MySQL
 By Google

Google Cloud SQL is a fully-managed database service that makes it easy to set-up, maintain, manage and administer your relational MySQL databases on Google Cloud Platform. The Google Cloud SQL connector allows you to access data from Google Cloud SQL databases within Data Studio.

[LEARN MORE](#)
[REPORT AN ISSUE](#)

BASIC

JDBC URL

Database Authentication
 jdbc:
 Username
 Password

AUTHENTICATE

STEP 5. You will be able to see table list like below. Mine has only one table below:

Untitled Data Source

Field Editing in Reports: ON
 CONNECT

← SELECT CONNECTOR

Cloud SQL for MySQL
 By Google

Google Cloud SQL is a fully-managed database service that makes it easy to set-up, maintain, manage and administer your relational MySQL databases on Google Cloud Platform. The Google Cloud SQL connector allows you to access data from Google Cloud SQL databases within Data Studio.

[LEARN MORE](#)
[REPORT AN ISSUE](#)

BASIC

JDBC URL

Database Authentication
 Uri
 jdbc:mysql://kurapa.com:43306/nsaju
 Username
 kurapa_dba
 Password

AUTHENTICATE

TABLES

Table

rHash

STEP 6. If everything is okay, just click "Create Report" and make your own report.

Cloud SQL for MySQL - nsaju

Field Editing in Reports: ON
 USING OWNER'S CREDENTIALS
 CREATE REPORT
EXPLORE

← EDIT CONNECTION

ADD A FIELD

Index	Field	Type	Aggregation	Description
1	rType	RBC Text	None	
2	rBirthTime2	RBC Text	None	
3	rDateTime	Date (YYYYMMDD)	None	
4	rHash	RBC Text	None	
5	rBloodType2	RBC Text	None	
6	rLunar	RBC Text	None	
7	rReserved	RBC Text	None	
8	rTargetYear	123 Number	None	
9	rYY	123 Number	None	
10	rMM	123 Number	None	
11	rDD	123 Number	None	
12	rBirthTime	RBC Text	None	
13	rName2	RBC Text	None	
14	rMM2	123 Number	None	
15	rDD2	123 Number	None	

REFRESH FIELDS
 20 / 20 Fields

The screenshot displays the 'Untitled Report' application window. The top menu bar includes File, Edit, View, Insert, Page, Arrange, Resource, and Help. Below the menu is a toolbar with various icons for report manipulation. The main workspace contains three visualizations:

- Top Left:** A line chart titled 'Add'. The y-axis ranges from 0 to 1K. The x-axis shows dates from 1/1/17 to 1/1/2017. The blue line starts at approximately 800 and decreases steadily to near zero by late 2016.
- Top Right:** A scatter plot titled 'YY'. The y-axis is labeled 'RevenueMM' and ranges from 0 to 200. The x-axis is labeled 'YY' and ranges from 0 to 1K. Blue dots show a positive correlation between YY and RevenueMM.
- Bottom Left:** A line chart titled 'YY'. The y-axis ranges from 0 to 400. The x-axis shows dates from Day 7, 2016 to Oct 27, 2016. The blue line shows significant fluctuations with several sharp peaks, reaching over 400 around mid-2016.

On the right side, there is a sidebar with two tabs: DATA and STYLE. The DATA tab is active, showing sections for Data Source, Date Range Dimension, Breakdown Dimension, Metric, and Default Date Range.

- Data Source:** Cloud SQL for MySQL (with a search icon).
- Date Range Dimension:** iDateTime (highlighted in green).
- Breakdown Dimension:** Add dimension (indicated by a plus sign).
- Metric:** rYY (highlighted in blue), Add metric (indicated by a plus sign).
- Default Date Range:** Auto (selected with a radio button), Custom.

At the bottom of the sidebar, there is a section for Auto Date Range with options like rYY, rYY2, etc., and a prominent blue button labeled 'CREATE NEW FIELD'.