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

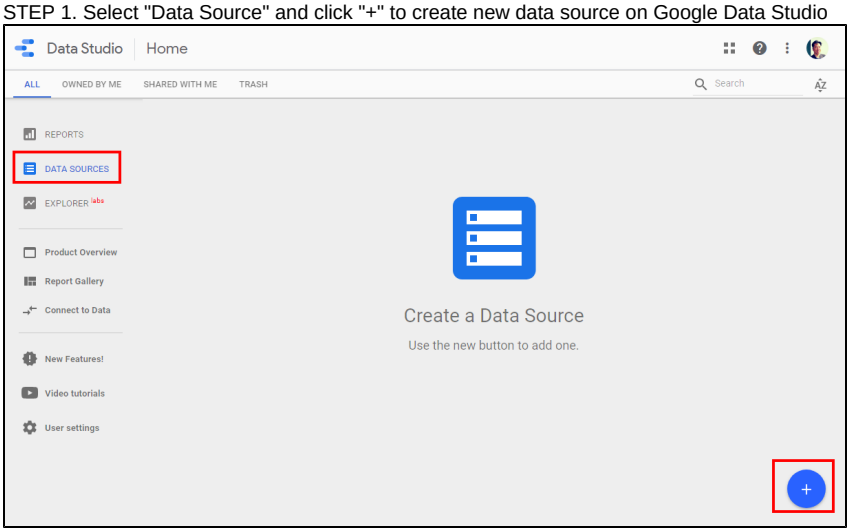
If you ready above, you can set its JDBC URL as following

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

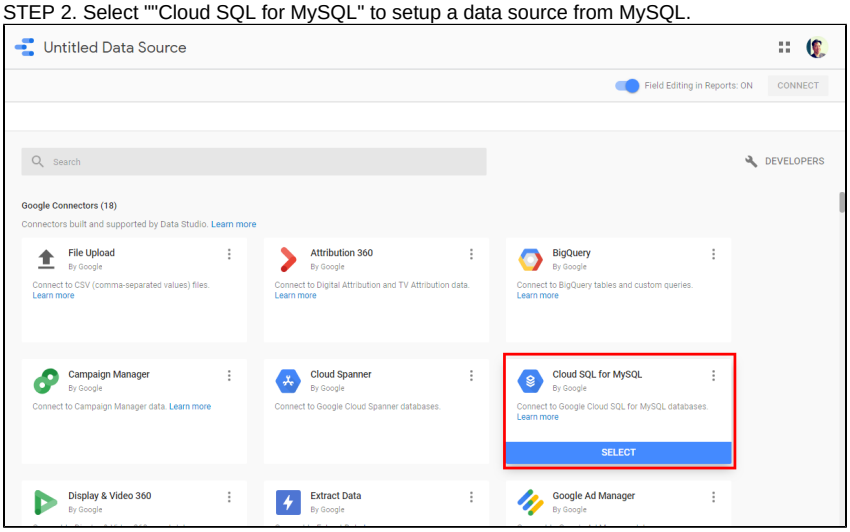
Note that you cannot put "localhost", because Google Data Studio server needs to connect to your MySQL server remotely for getting necessary data - meaning it should be public IP address.

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

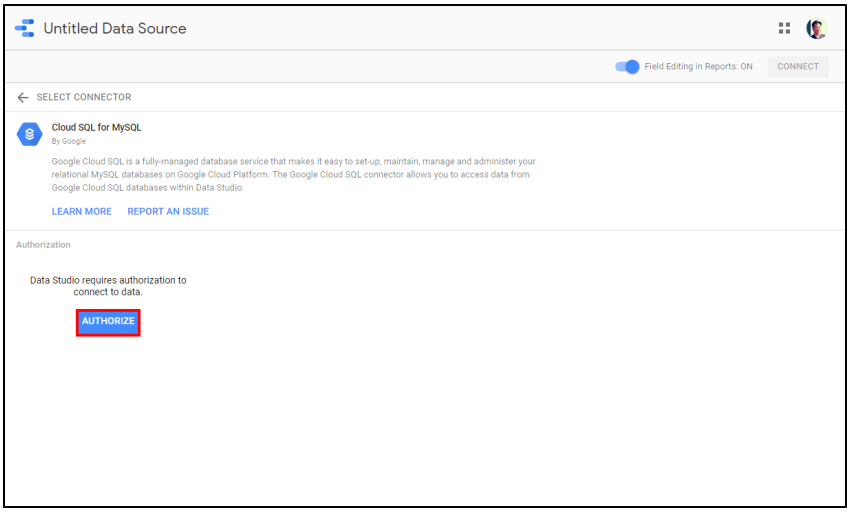
STEP 1. Select "Data Source" and click "+" to create new data source on Google Data Studio

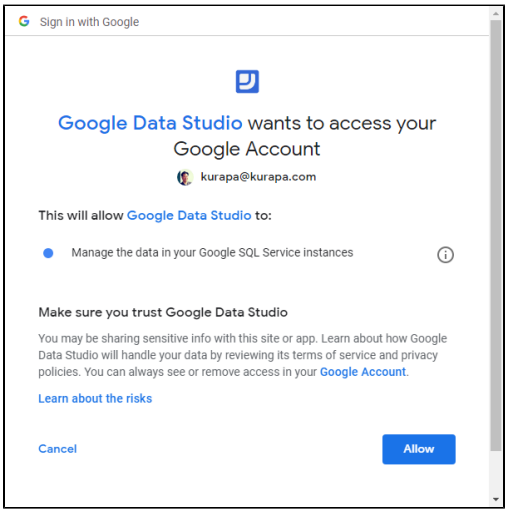


STEP 2. Select ""Cloud SQL for MySQL" to setup a data source from MySQL.

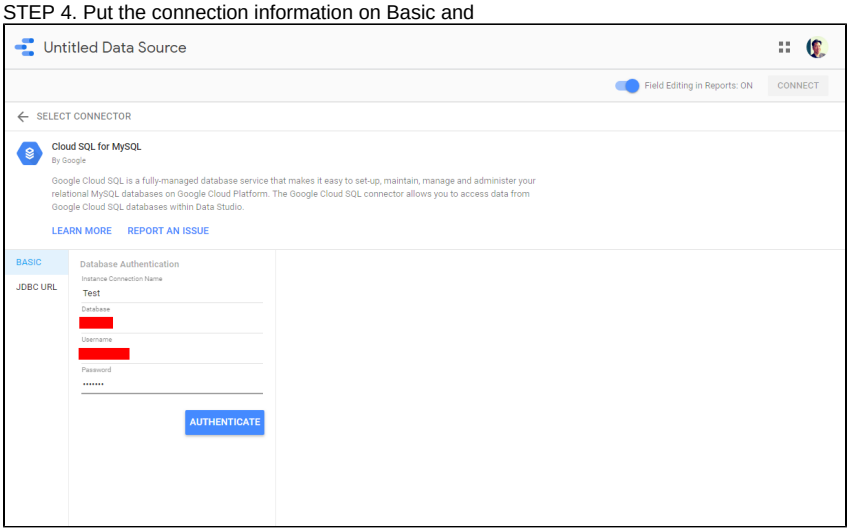


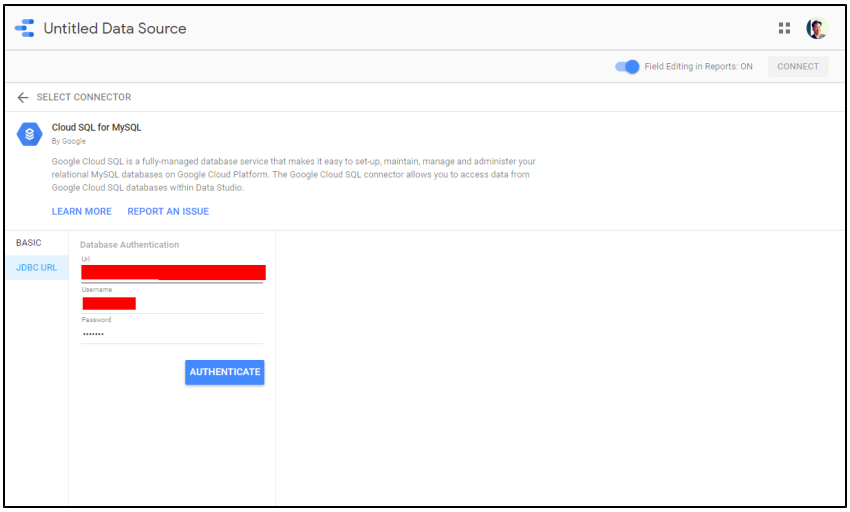
STEP 3. Click "Authorize" and "Allow"



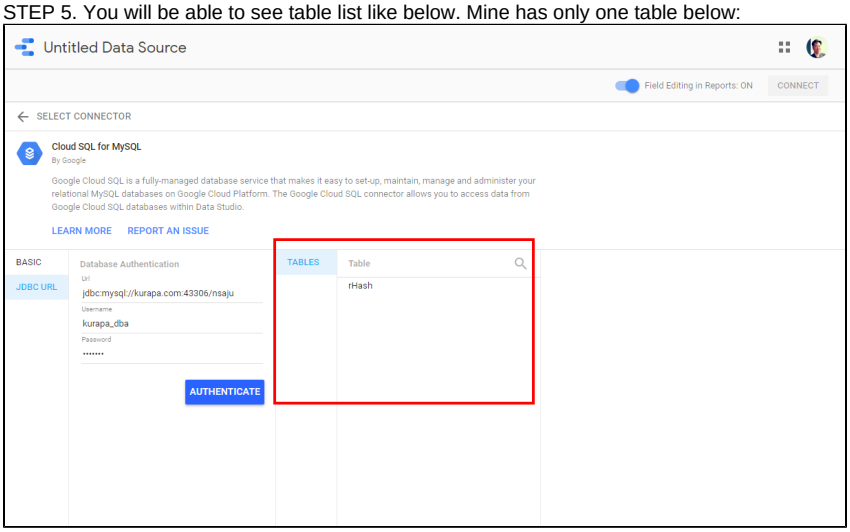


STEP 4. Put the connection information on Basic and

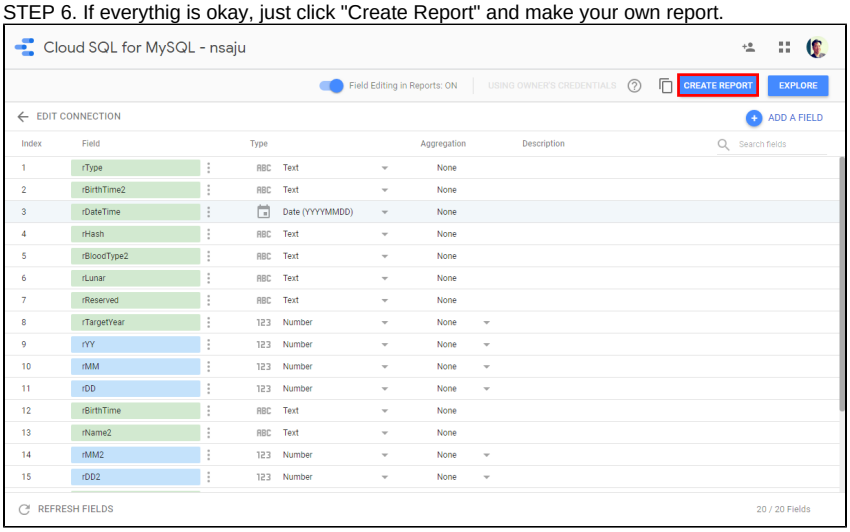


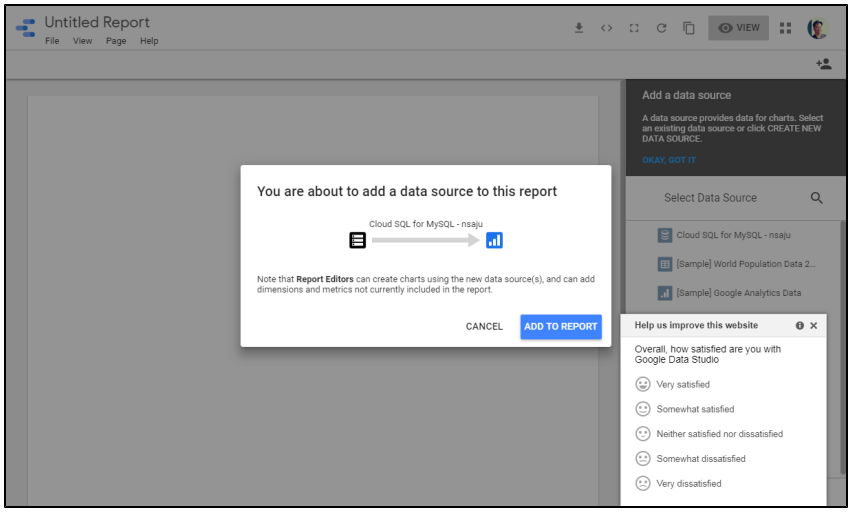


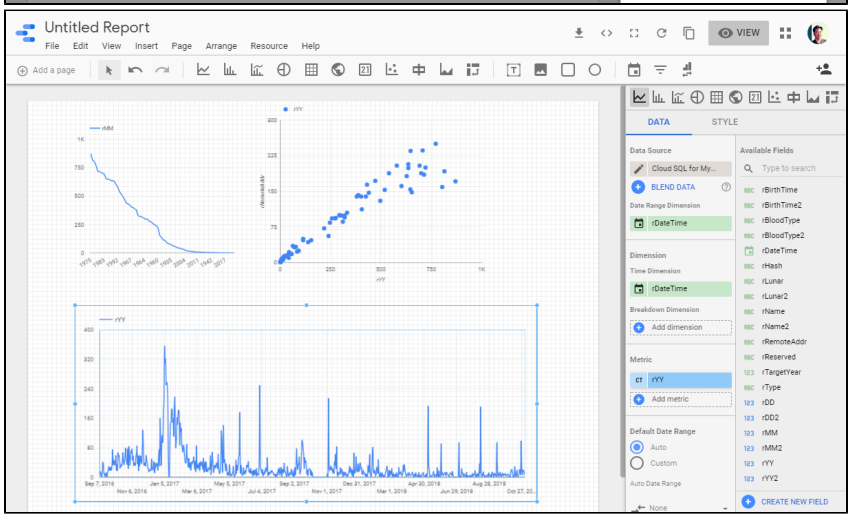
STEP 5. You will be able to see table list like below. Mine has only one table below:



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




Untitled Report
File View Page Help
VIEW
Add a data source
A data source provides data for charts. Select an existing data source or click CREATE NEW DATA SOURCE.
OKAY, GOT IT
Select Data Source
Cloud SQL for MySQL - nsaju
[Sample] World Population Data 2...
[Sample] Google Analytics Data
You are about to add a data source to this report
Cloud SQL for MySQL - nsaju
Note that Report Editors can create charts using the new data source(s), and can add dimensions and metrics not currently included in the report.
CANCEL
ADD TO REPORT
Help us improve this website
Overall, how satisfied are you with Google Data Studio
Very satisfied
Somewhat satisfied
Neither satisfied nor dissatisfied
Somewhat dissatisfied
Very dissatisfied


Untitled Report
File Edit View Insert Page Arrange Resource Help
VIEW
Add a page
DATA
STYLE
Data Source
Cloud SQL for My...
BLEND DATA
Date Range Dimension
rDateTime
Dimension
Time Dimension
rDateTime
Breakdown Dimension
Add dimension
Metric
rYY
Add metric
Default Date Range
Auto
Custom
Auto Date Range
None
Available Fields
Type to search
rBirthTime
rBirthTime2
rBloodType
rBloodType2
rDateTime
rHash
rLunar
rLunar2
rName
rName2
rRemoteAddr
rReserved
rTargetYear
rType
rDD
rDD2
rMM
rMM2
rYY
rYY2
CREATE NEW FIELD