How to connect Google Data Studio to MySQL DB

Configuring MySQL to Use Encrypted Connections

MySQL distribution should be compiled using OpenSSL, then it can automatically generate necessary certificates and keys using auto_generate_ certs command unless those certificates where generated during installations.
Those certificates and keys are located in /etc/mysql/ directory and according to official MySQL documentation they have the following names:

|	
ca.pem	Self-signed CA certificate
ca-key.pem	CA private key
server-cert.pem	Server certificate
server-key.pem	Server private key
client-cert.pem	Client certificate
client-key.pem	Client private key

> **NB:**
> *Currently Google implies different definitions for those files which is quite misleading.*

Creating a DB user to connect from Google Data Studio

```
mysql < GoogleDataStudioIPs.sql
```

> **NB:**
> *Currently Google makes a new connection every time you run SQL code from its interface, i.e. once you press a blue button «Connect» [«Reconnect»] on the top right of its MySQL connector page*
> *(and after you have successfully authenticated) — thus it's better to increase a number of MAX_USER_CONNECTIONS: so far it's set equal to 1000.*

GoogleDataStudioIPs.sql
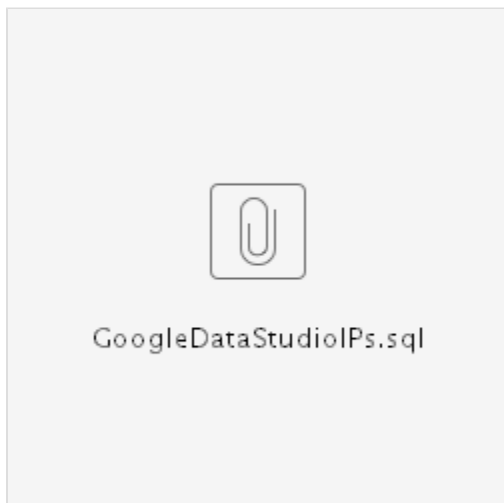
Making Google Data Studio's connector to MySQL: authentication

upload these certs:

```
/etc/mysql/ca.pem — for Server certificate
/etc/mysql/client-cert.pem — for Client certificate
/etc/mysql/client-key.pem — for Client private key
```