**Steps to upload data to Google Cloud platform:**

Go to google console <https://console.cloud.google.com/>

* Select a project (For e.g. Nutrometer)
* Search for SQL>select instance
* Chose MySQL
* In instance ID enter a name
* Set Root password(this is the root password for the database)
* Ed used password as password
* Region and Zone does not matter
* Under configuration options
* Change machine to db-f1-micro
* Download and Install MySQL Workbench
* <https://dev.mysql.com/downloads/workbench/>
* Install the google cloud SDK
* <https://cloud.google.com/sdk/docs/#install_the_latest_cloud_sdk_version>
* Follow the instructions on the page
* In the terminal (**Note**:The terminal window opens automatically. If already installed open terminal in a folder where you have GCP folder e.g. C:\Program Files (x86)\Google\Cloud SDK in my computer)
* Enter ./google-cloud-sdk/install.sh
* To check if installed, type in bash gcloud. There should be an error but also "Available command groups for gcloud:" along with a bunch of acceptable commands.
* Type gcloud init
* Select 1 to reinitialize connection.
* Select your email account
* Select project
* Select no for region
* Initialize the proxy
* <https://cloud.google.com/sql/docs/mysql/quickstart-proxy-test>
* Click on Enable the API
* Select the project and then continue
* Install the proxy
* You may have to click on the link again

<https://cloud.google.com/sql/docs/mysql/quickstart-proxy-test>

* Select Windows 64-bit

Right-click <https://dl.google.com/cloudsql/cloud_sql_proxy_x64.exe> and select **Save Link As** to download the proxy. Rename the file to cloud\_sql\_proxy.exe.

* In terminal in the folder where proxy is installed (For e.g. C:\Data\_Analytics\Homework\project2\TeamProject2\Team-Project2\db\GCP\_MySQL-Pandas) type

./cloud\_sql\_proxy -instances=<INSTANCE\_CONNECTION\_NAME>=tcp:1433

e.g. ./cloud\_sql\_proxy -instances=nutrometer:us-central1:instance1=tcp:1433

Execute load\_mysql.py

* Connect to your database using the mysql client
* In a different terminal window from where you started the proxy, run the following command, replacing <USERNAME> with your MySQL username.
* You should see the mysql prompt. A message similar to the following should appear in the proxy terminal:
* New connection for "myproject:us-central1:myinstance"