**World Quant University**

**Professor: Tiberiu Stoica**

**Machine Learning**

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**Unit 1 Project**

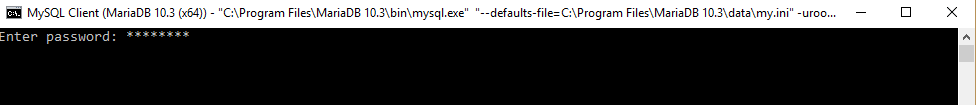
For this project I used MariaDB. Please install Maria DB from:

<https://mariadb.com>

I followed the tutorial in this site, which explains a lot about Mariadb and even how to download and populate the database with the data:

<https://reasonabledeviations.science/2018/02/01/>

When you download and install Mariadb you will set a password. This will be use in the python connection. I used password as password.



Then run prompt to start the database using the password previously defined in the installation.

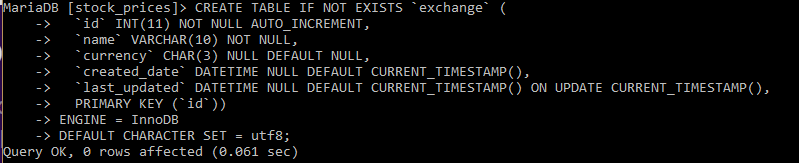
After that we need to create the database:



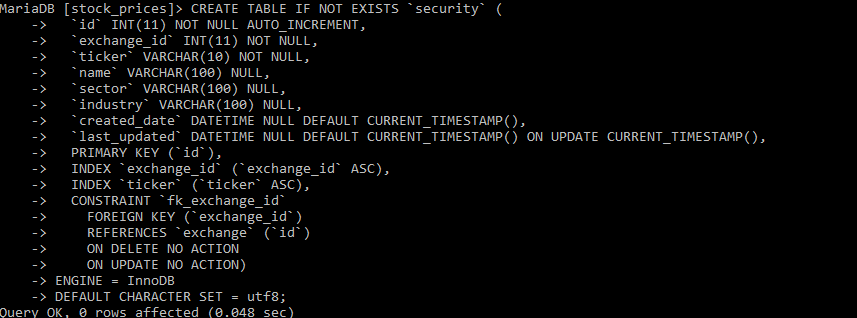
After that make sure to be in the right database:



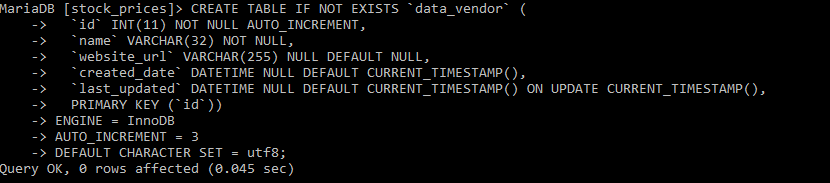
Now we proceed creating the table exchange:



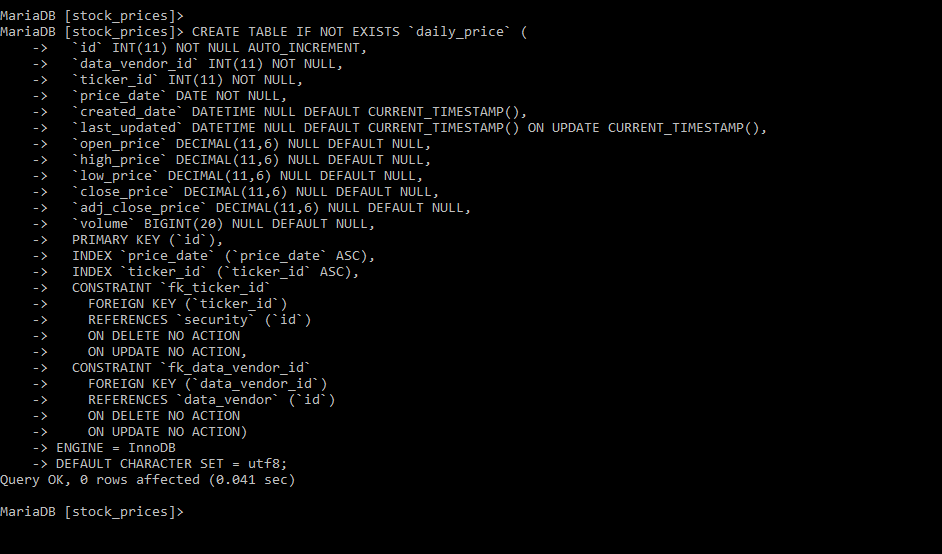
Afterwards we proceed creating the table security :



Now table data\_vendor:



And finally the table daily\_prices:



We then proceed to connecting to the database through python and populating it. We need also to use a list of stocks to download then afterwards from yahoo. We get the list from:

https://www.nasdaq.com/screening/companies-by-industry.aspx?exchange=NYSE

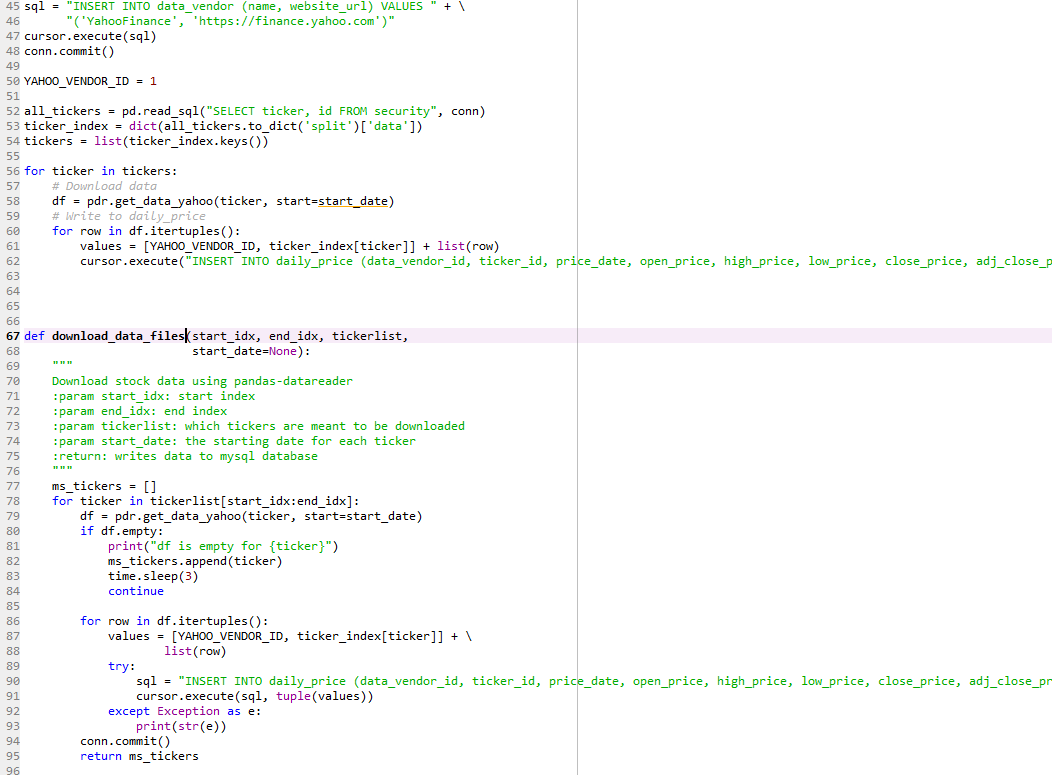


The we start our python program:



Remember that you must save the CSV file in your working directory.

Afterwards we proceed to downloading the price data:



Unfortunately, I was not able to download the price data. But the database was successfully created and I made the objective of making a successful query:



