IS-664 Database Programming
Fall 2022

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Environment

Data Analysis Environment Preparation

USE OF JUPYTER LAB WITH MYSQL

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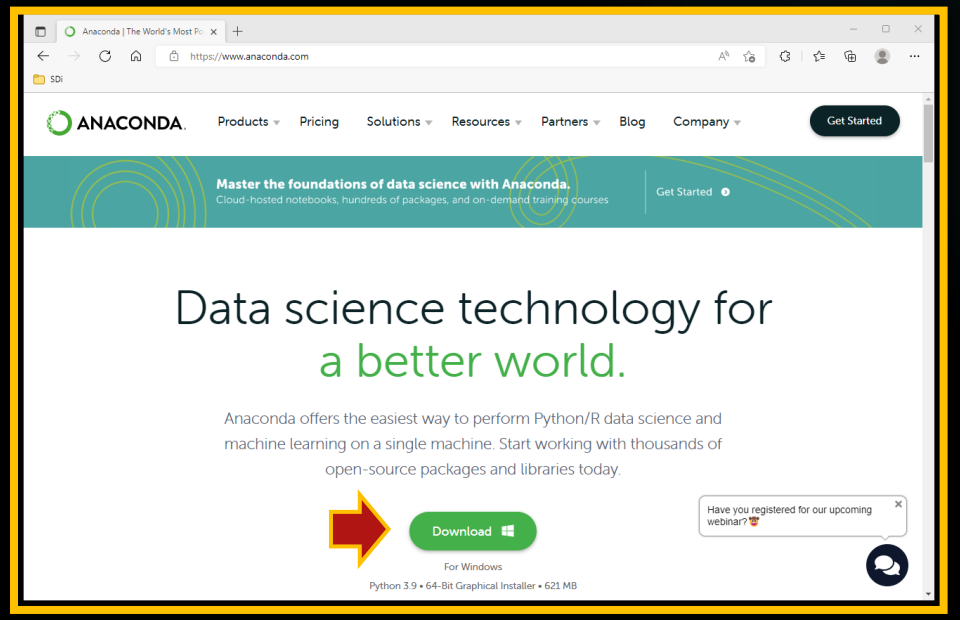
General

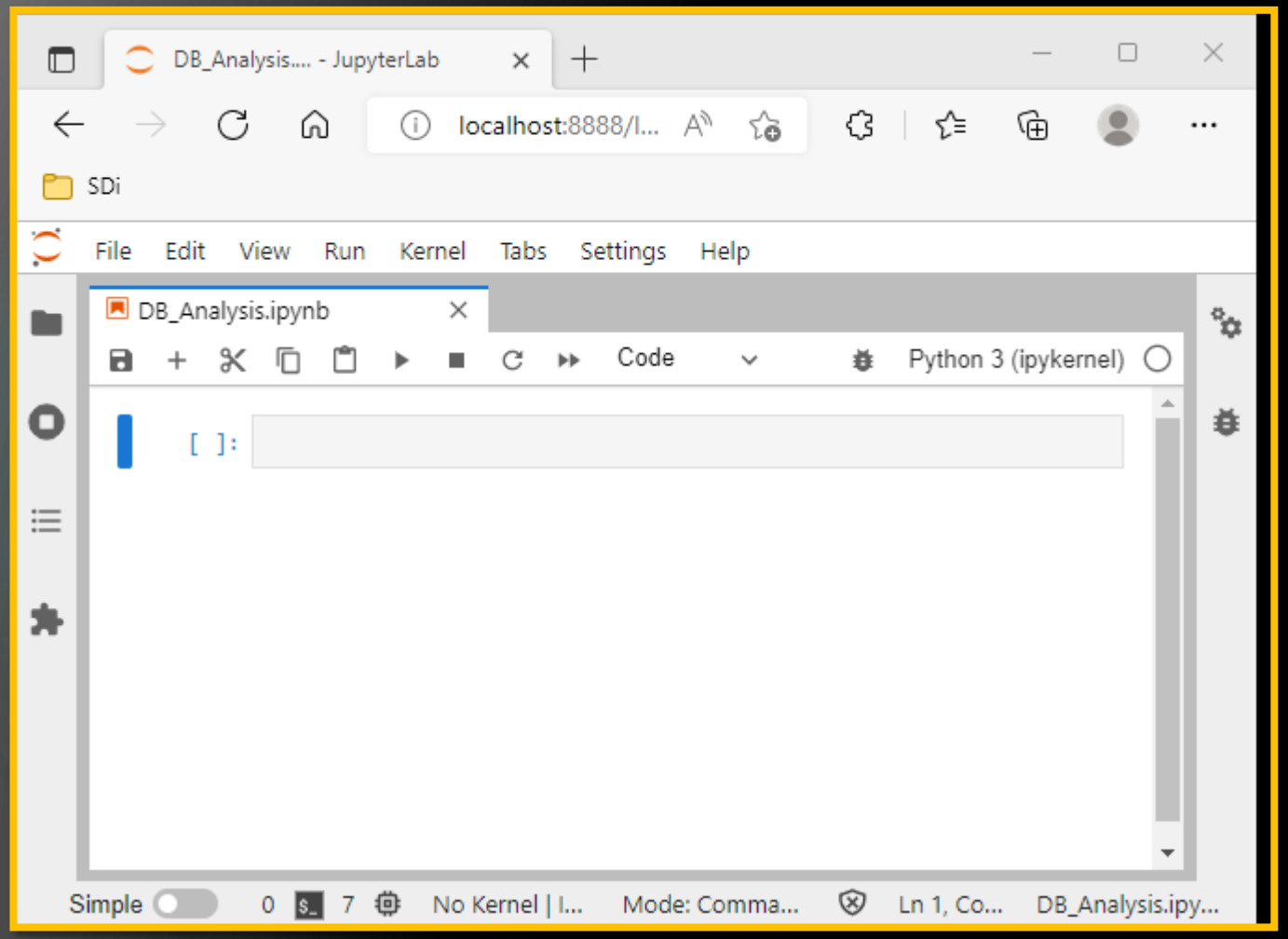
- For the next phase of our Database Programming, we will be introducing the Jupyter Lab Programming environment.
- Go here to install the Anaconda Navigator to have access to the Jupyter Lab application.
  - https://www.anaconda.com/



- Once you have installed Anaconda, follow the instruction to prepare your environment and verify that it is working properly.

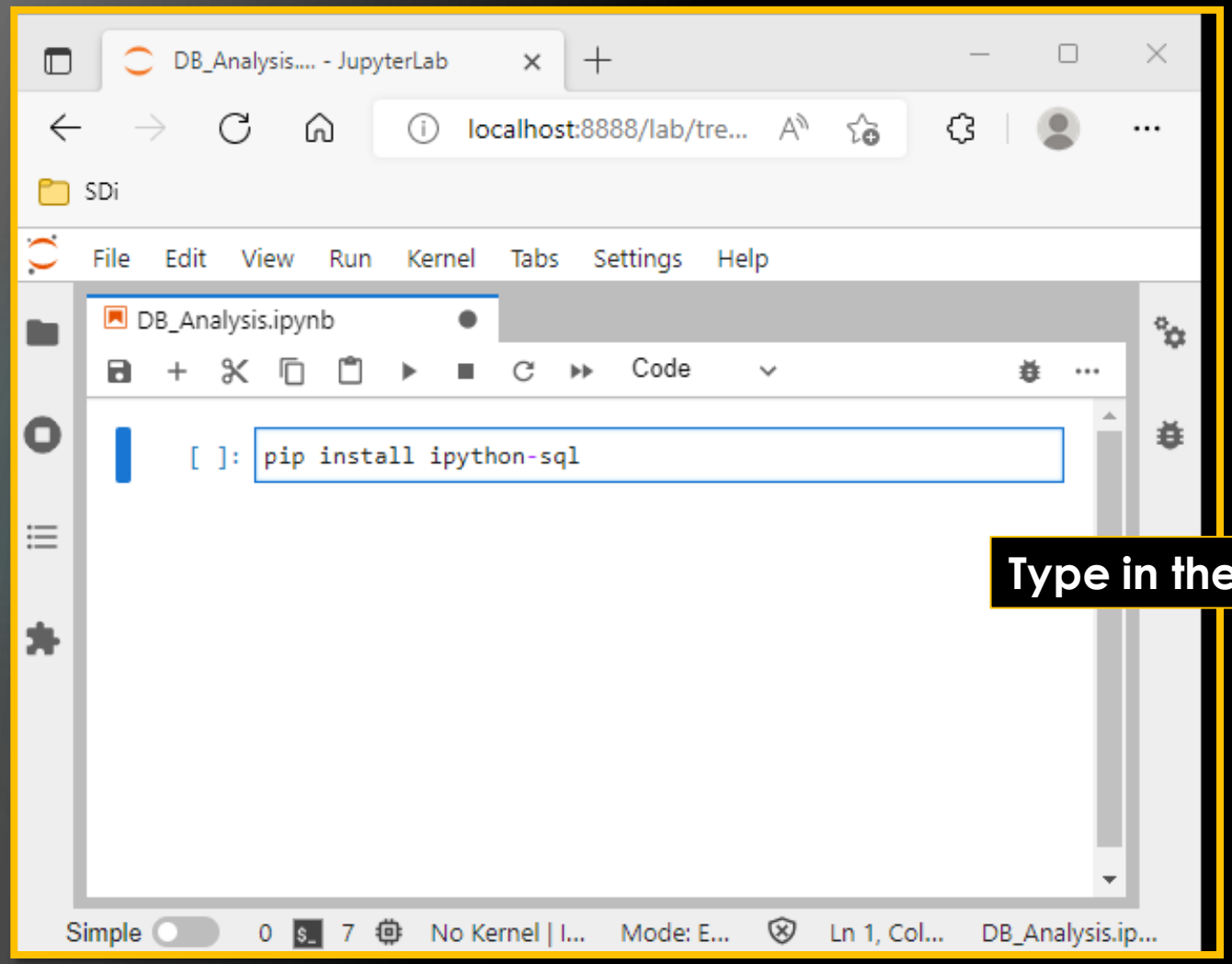
General

Create a new notebook



General

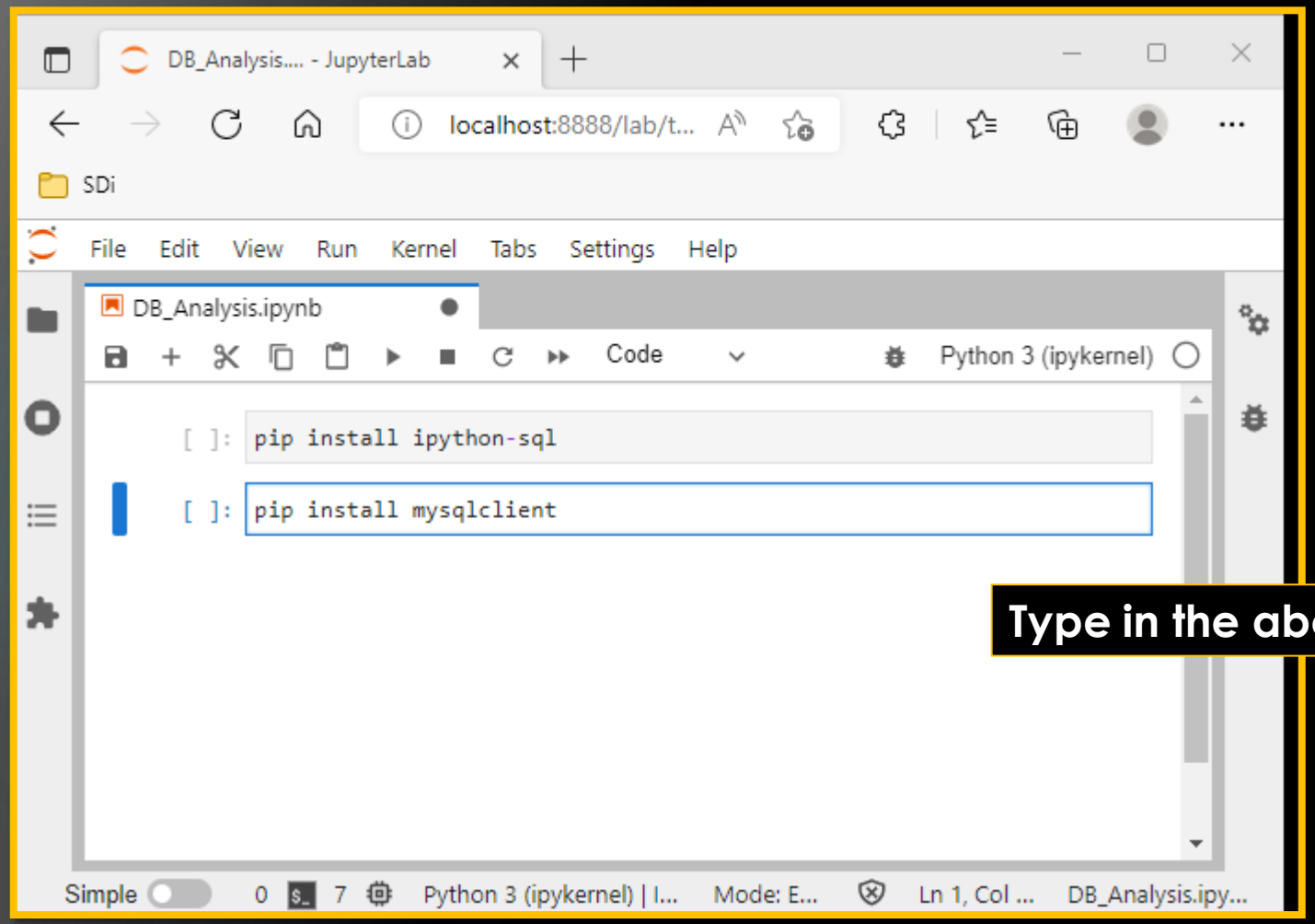
Install ipython-sql package



Type in the above command and then press SHIFT_ENTER

General

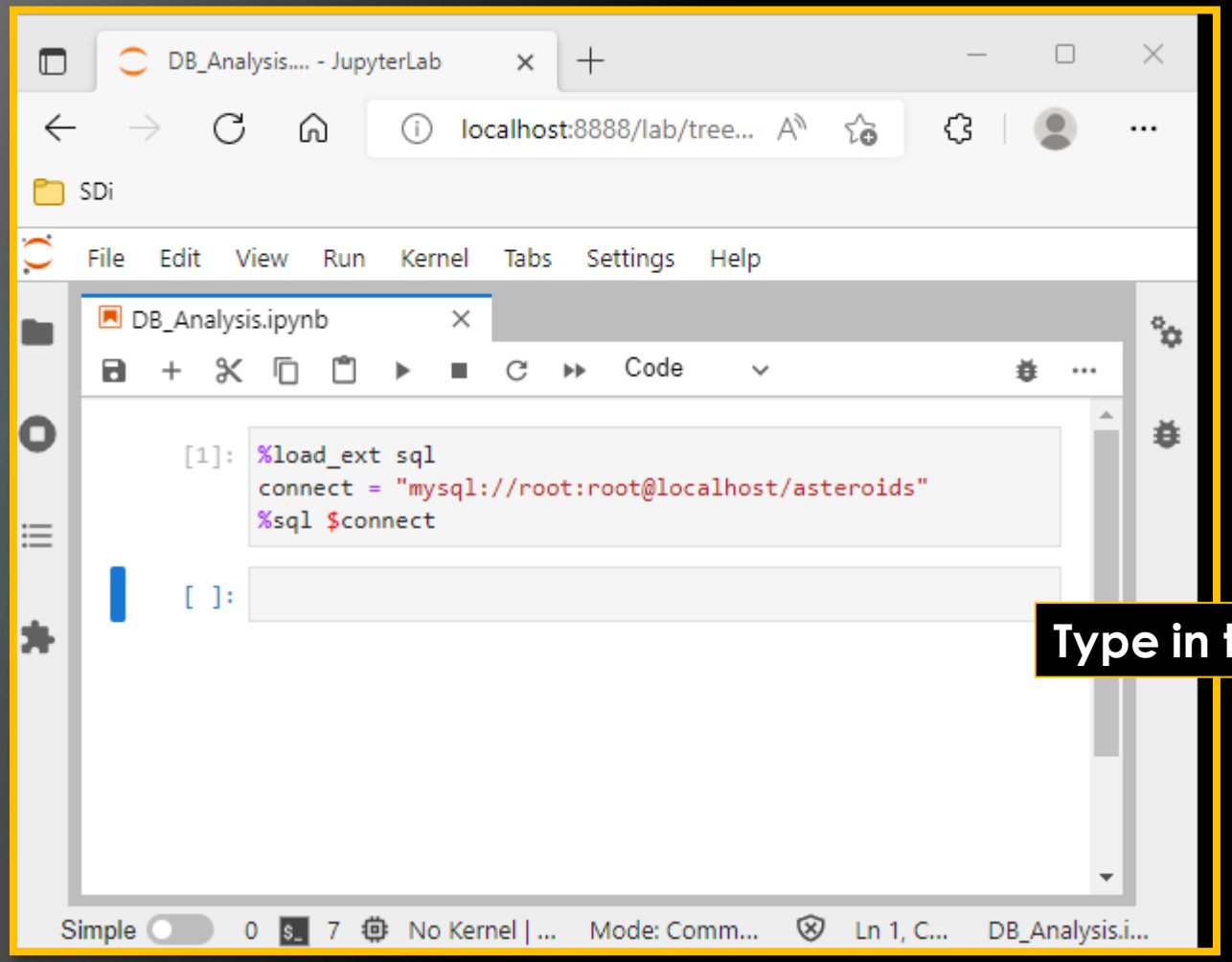
Install mysqlclient package



Type in the above command and then press SHIFT_ENTER

General

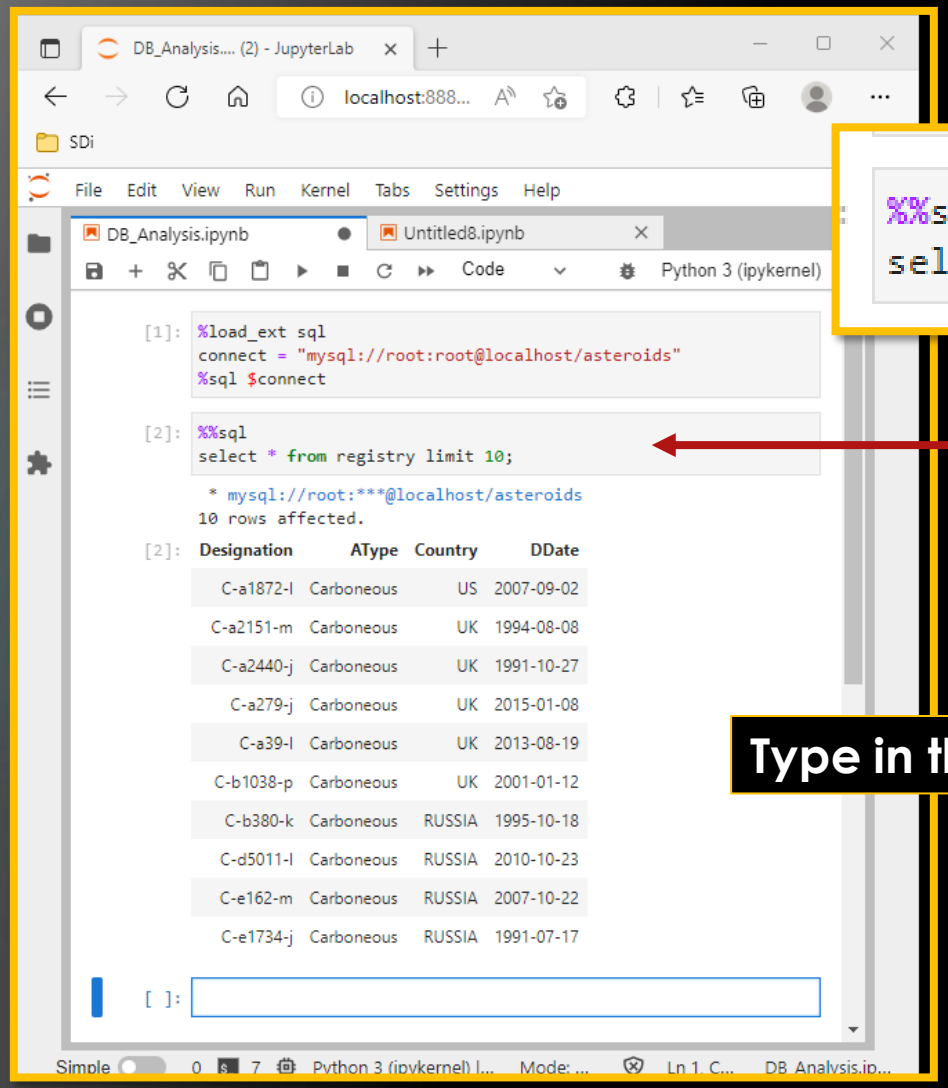
Connect to the asteroids database by using executing this code



Type in the above code and then press **SHIFT_ENTER**

General

Execute a query




```
%%sql
select * from registry limit 10;
```

Type in the above code and then press **SHIFT_ENTER**