PyCharm Install and Link to MySQL Database

PyCharm is one of many applications offered by JetBrains. JetBrains does offer a license for the commercial version of it products to teachers and students.

1. Go out to https://www.jetbrains.com/community/education/#students and click on the blue "Apply Now" button.
2. Fill in the form using your .edu address. You'll receive an email from JetBrains.
3. Click on the link provided in the email, then click on the "Get started to use" button.
4. Read through the agreement, then click "I agree".
5. Scroll down to the bottom and sign up for a JetBrains account (if you don't already have one).
6. Once you've got an account, log into JetBrains and you'll see something like this:
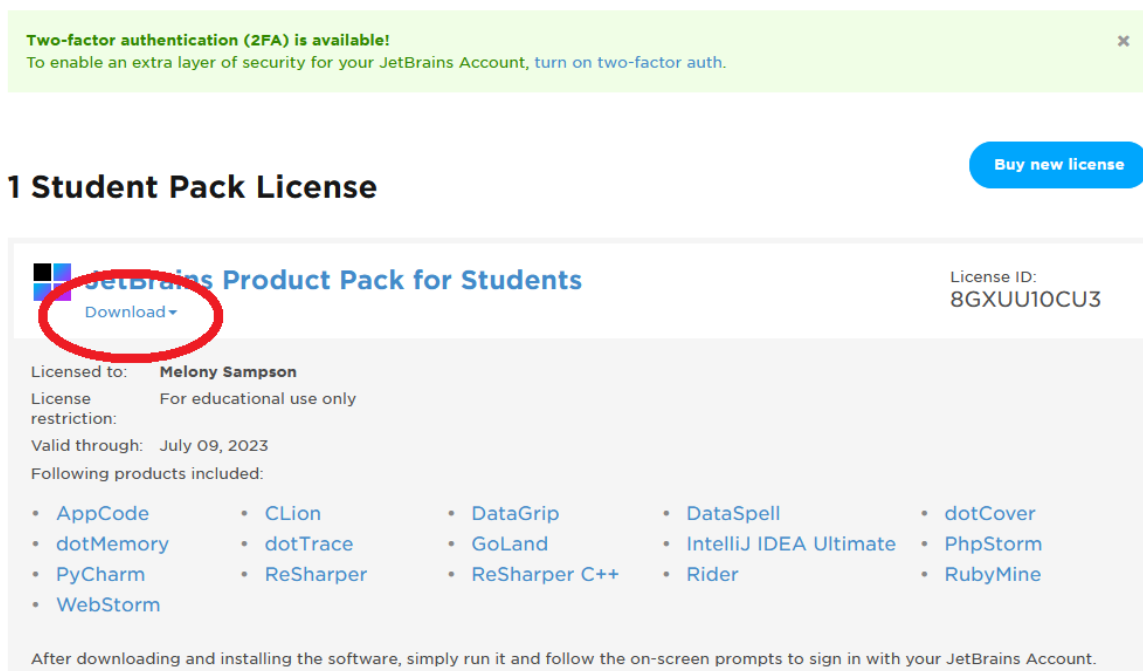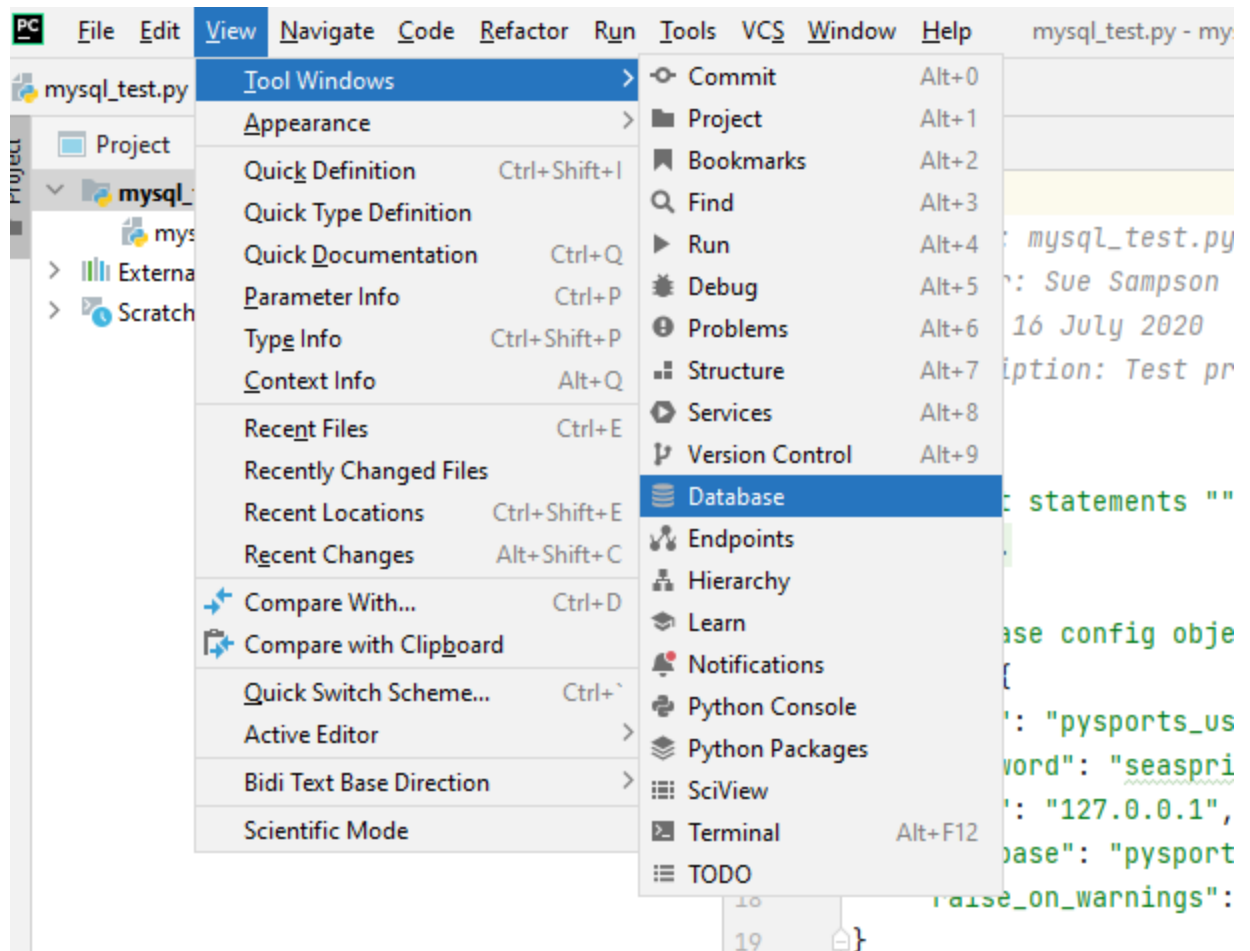

At this point you'll be offered a selection of apps to install.

1. Click on the down arrow by Download, select PyCharm. (If you click on PyCharm from the bottom section, you'll be taken to another login page.).
2. Select platform, download...
3. Click on .exe (for windows). Agree to license agreement. Decide to share info or not..
4. Once PyCharm starts, activate the app, log into JetBrains account in the browser pop up, then return to IDE. This may take a few minutes, so be patient.
5. Open up a new project or existing python file.

At this point, we can add any data source we like. To add a MySQL database:

1. View Menu, Tool Windows, Database

PC   File Edit View Navigate Code Refactor Run Tools VCS Window Help   mysql_test.py - my

mysql_test.py

Project

Tool Windows   >   Commit   Alt+0
Appearance   >   Project   Alt+1
Quick Definition   Ctrl+Shift+I   Bookmarks   Alt+2
Quick Type Definition   Find   Alt+3
Quick Documentation   Ctrl+Q   Run   Alt+4   mysql_test.py
Parameter Info   Ctrl+P   Debug   Alt+5   : Sue Sampson
Type Info   Ctrl+Shift+P   Problems   Alt+6   16 July 2020
Context Info   Alt+Q   Structure   Alt+7   iption: Test pr
Recent Files   Ctrl+E   Services   Alt+8
Recently Changed Files   Version Control   Alt+9
Recent Locations   Ctrl+Shift+E   Database   statements ""
Recent Changes   Alt+Shift+C   Endpoints
Compare With...   Ctrl+D   Hierarchy
Compare with Clipboard   Learn   ase config obje
Quick Switch Scheme...   Ctrl+`   Notifications
Active Editor   >   Python Console   ': "pysports_us
Bidi Text Base Direction   >   Python Packages   vord": "seaspri
Scientific Mode   SciView   ': "127.0.0.1",
                                                 Terminal   Alt+F12 base": "pysport
                                                 TODO   raise_on_warnings":

19   }

2. Either click on '+' sign under database section, or ALt+Insert, select Data Source and select
    MySQL.
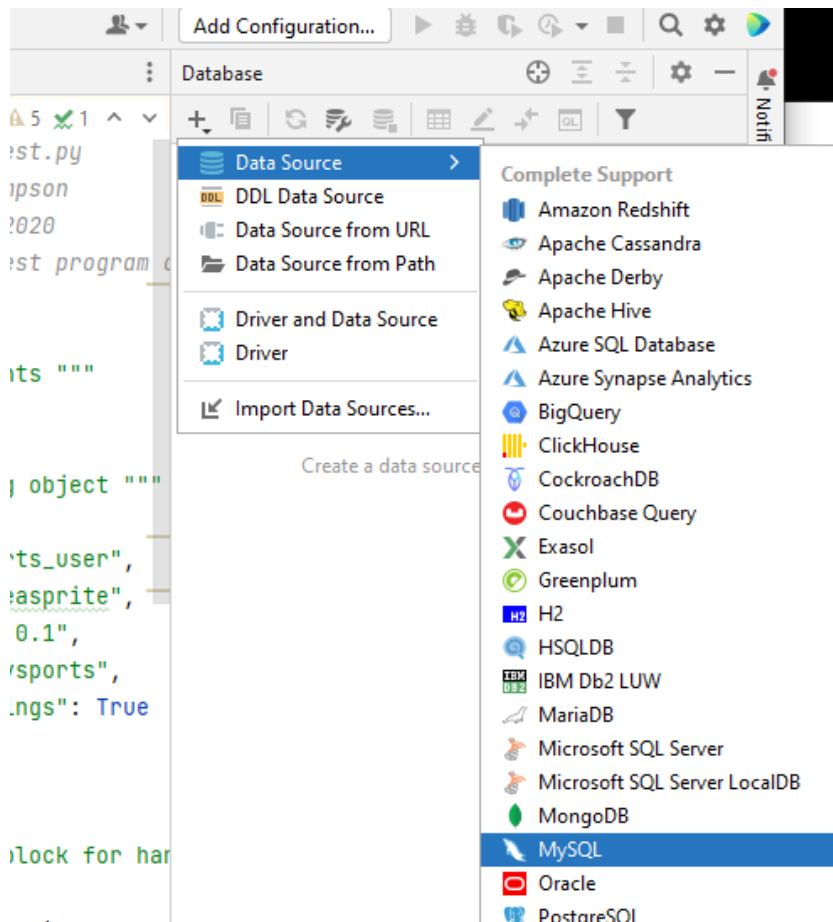
3. Type in user and password and Test Connection below.. should get confirmation message pop up. Click Apply, then OK.
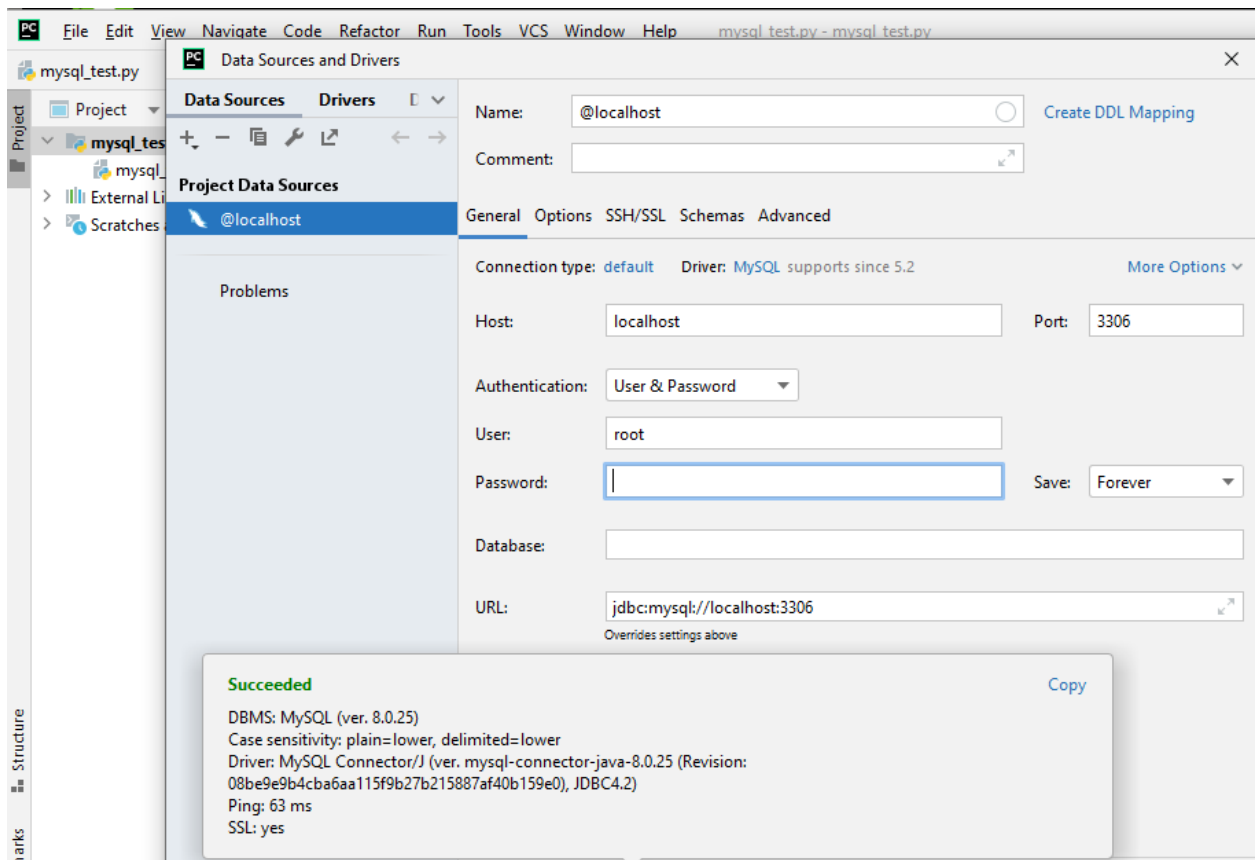
4. To see your schema, click on area to the right of @localhost. You may also see a pop up stating 'click here to display other schemas'. You can then see the schema(database) you've created.