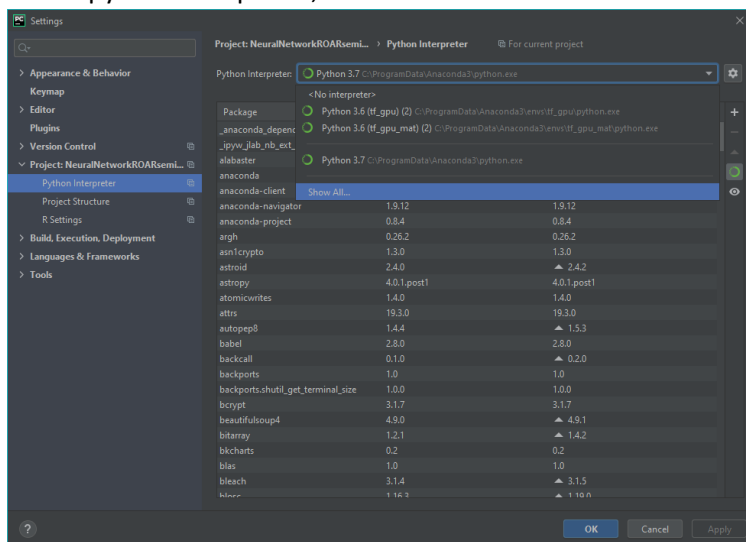


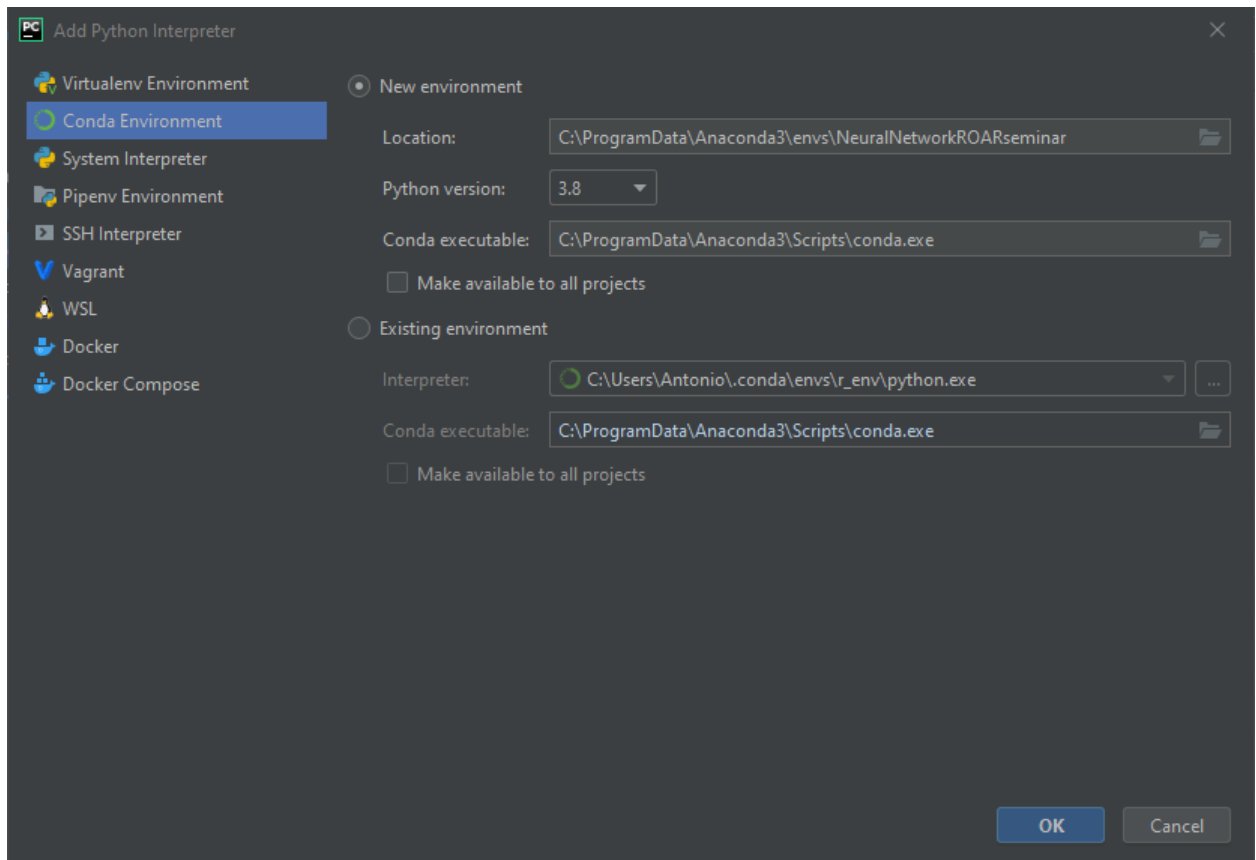
Installing and setting up Pycharm IDE

Pycharm is an integrated development environment (IDE) for python. It can manage python projects, has git integration and data visualization. The seminar will be done using this IDE, installing this program is optional, but highly recommended by Antonio. If you are familiar or prefer using another IDE you are free to use it, assistance will not be provided with another IDE during the seminar. Pycharm is a paid suite but is free for students.

1. Go to <https://account.jetbrains.com/login> and create a new account using you **Columbia email** and create a student account
2. Go to <https://www.jetbrains.com/pycharm/download/#section=windows> and download the professional version for the you platform
3. Continue the installation and log in to your account to activate your account
4. Once Pycharm open go to VCS->Git->Clone
5. In the URL field enter <https://github.com/antonioprdom/NeuralNetworkROARseminar.git>
6. Under directory select the directory where you want to save the data
7. Click clone
8. If asked, select This Window
9. Go to File->Settings
10. Select Project->Python Interpreter
11. Under python interpreter, click on the arrow and select show all ...



12. Click the + symbol on the right, the Add python interpreter window will open:



13. Select Conda Environment and click on Existing environment
14. Under Interpreter click on the down arrow and select either tf_cpu or tf_gpu and click ok until you are back at the settings window.
15. In the settings menu go to Tools->Python Scientific and uncheck the option for Show plots in tool window
16. Click ok
17. To test the installation, on the left under the project. Right click Code/testTensorflowInstall.py and select Run