

**Run me1NET**

1. Install **Anaconda**  
<https://www.anaconda.com/distribution/>  
Scroll down, choose OS (Windows/macOS/Linux) and hit **Download**
2. Start **Anaconda Navigator**
3. Go to **Environments** and hit **Create**. A pop-up window will come. Then name the environment (E.g.: **DeepLearning**) and give Python Version (E.g.: **3.7**). Notice the *Location* where the environment is going to be stored (it'll be needed for adding this environment to the **PyCharm** IDE). Hit **Create** on the pop-up window. It'll take some time to create that environment.
4. Install packages: **opencv**, **tensorflow**
  - As the newly created **Environment** is selected, look for the tab named **Installed**. It shows all the installed packages for this environment. From that drop-down menu select **All**. Now go to the **Search** bar and search by **tensorflow**. Check the package named **tensorflow**. Do the same thing for **opencv**.
  - Hit **Apply** on the bottom-right section of the window.
  - A pop-up window will come. Hit **Apply** on that too.
  - Let it install. It will take some time.
5. Download **meINET** from git: <https://github.com/roy-shudipto/meINET.git> and unzip the folder.
6. Download dataset:  
*Digital data:*  
[https://drive.google.com/open?id=1UuLg6uqMg0EYbP7fRZwxHg\\_lxbHQS-xx](https://drive.google.com/open?id=1UuLg6uqMg0EYbP7fRZwxHg_lxbHQS-xx)  
Or,  
*Dermoscopic data:*  
<https://drive.google.com/open?id=1jzCzDgw2lxkAppQoApOryl4aVTSU9sUs>
7. Unzip the dataset and put it in the **meINET** folder.
8. Install **PyCharm** (Community Version) for the OS (Windows/macOS/Linux) to be used.  
<https://www.jetbrains.com/pycharm/download/#section=windows>
9. Open "**meINET.py**" using **PyCharm**
10. On the top of the PyCharm IDE, it'll show:  
**No Python Interpreter configured for the project** **Configure Python Interpreter**  
Hit that **Configure Python Interpreter**  
A pop-up window will come for selecting the environment.

**11. For the 1st time:**

The newly created environment needs to be added. Hit the **Gear** icon on the top-right section of that pop-up window and select **Add**

Select the option called **Conda Environment** from the left side of the pop-up window.

Choose the option called **Existing Environment** and give the address of the file named "*python.exe*" from the location of the newly created environment. (It was requested to notice the location of the new environment)

Also, check the option **Make available for all projects**

Hit **Ok**

For Other times:

As, the environment has already been added, select it from the drop down menu.

It'll take some time to process and update. Keep an eye on the bottom part of the **PyCharm** IDE. The environment name should also be appeared there too.

**12. On PyCharm IDE goto **Run** and hit **Run**. A small pop-up window will show **meINET**. Select it to run the "*meINET.py*" file. For running this same file next time, the **Play** and **Stop** buttons on the top-right part of **PyCharm** IDE can be used.**

**13. Follow the prompts generated by **meINET** !**