

DATA4203 - Data Mining

Week 3 Tutorial Handbook

Installation Guide for Windows10 users

Step 1: Install Anaconda

<https://www.anaconda.com/products/individual>

Download

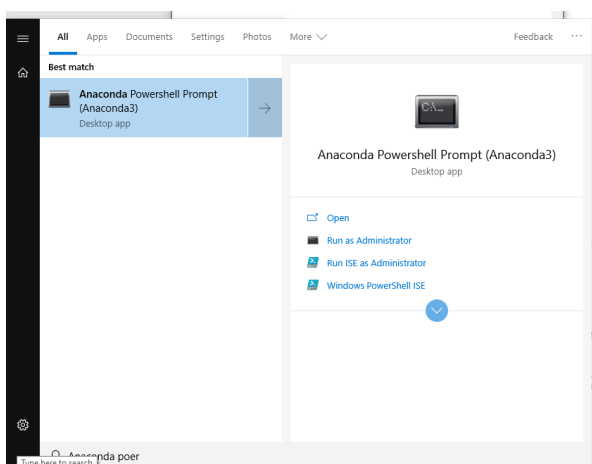
Clicking will lead you to download the installer for Windows



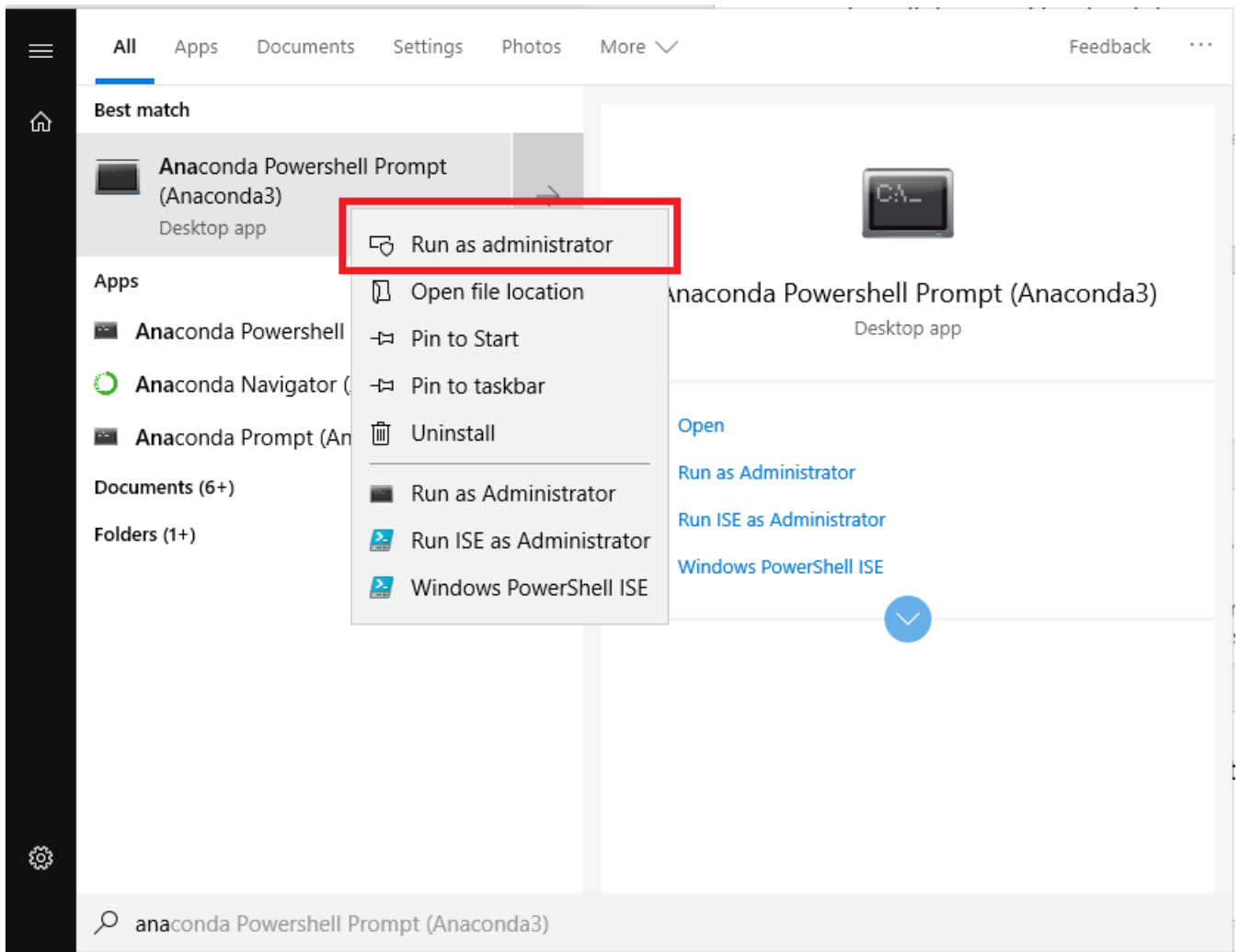
Select a suitable Installer depending on your own operation systems, and then install.

Step 2: Install Jupyter

In your start menu, search for Anaconda Powershell Prompt



Right click it and select “run as administrator”



Install Jupyter Notebook by

```
conda install -c conda-forge notebook
```

Step 3: Execute Jupyter Notebook

Congratulations, you have installed Jupyter Notebook! To run the notebook, run the following command at the Terminal (Mac/Linux) or Command Prompt (Windows):

```
jupyter notebook
```

And after executing “jupyter notebook” on you PC, please follow the instructions in the main text.

Step 4: How to Navigate to Another Folder

Default root of the Jupyter explorer is the current location (folder) where you start the Jupyter server. With the explorer, you can only navigate to all levels of the children folders, but not the parent's of that location. There is an option to set the root folder `--notebook-dir` when you start Jupyter. Here is an example that starts Jupyter server and sets the root at `D:/my_works/jupyter_ipynbs`

Please use the following script in Step 3 to execute Jupyter Notebook

```
jupyter notebook --notebook-dir D:/my_works/jupyter_ipynbs
```