

Machine learning with python - lab setup

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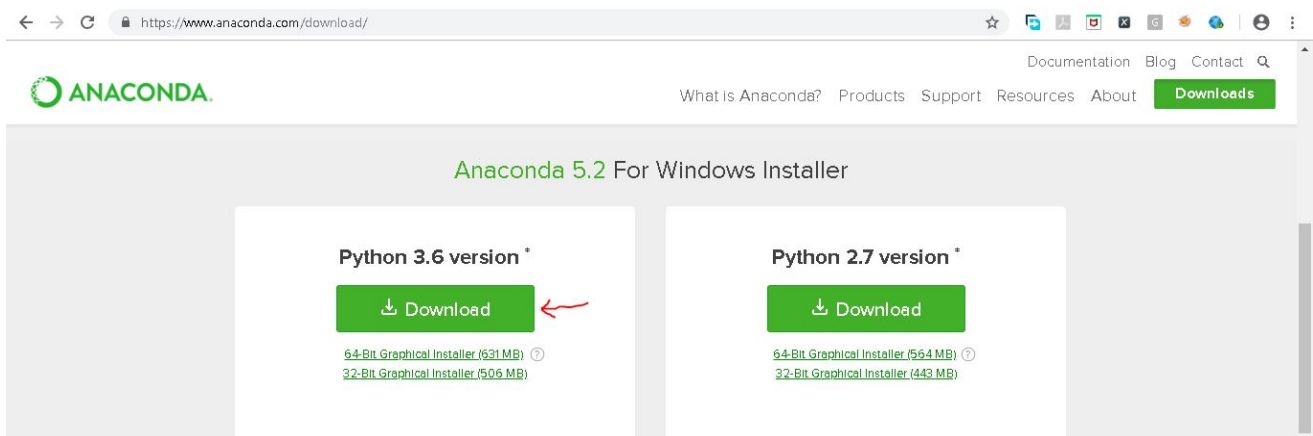
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- Install Anaconda
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 - Install
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Steps of installation for the ML with Python course. This exercise will take about 30 mins and for the most part be uneventful.

Install Anaconda

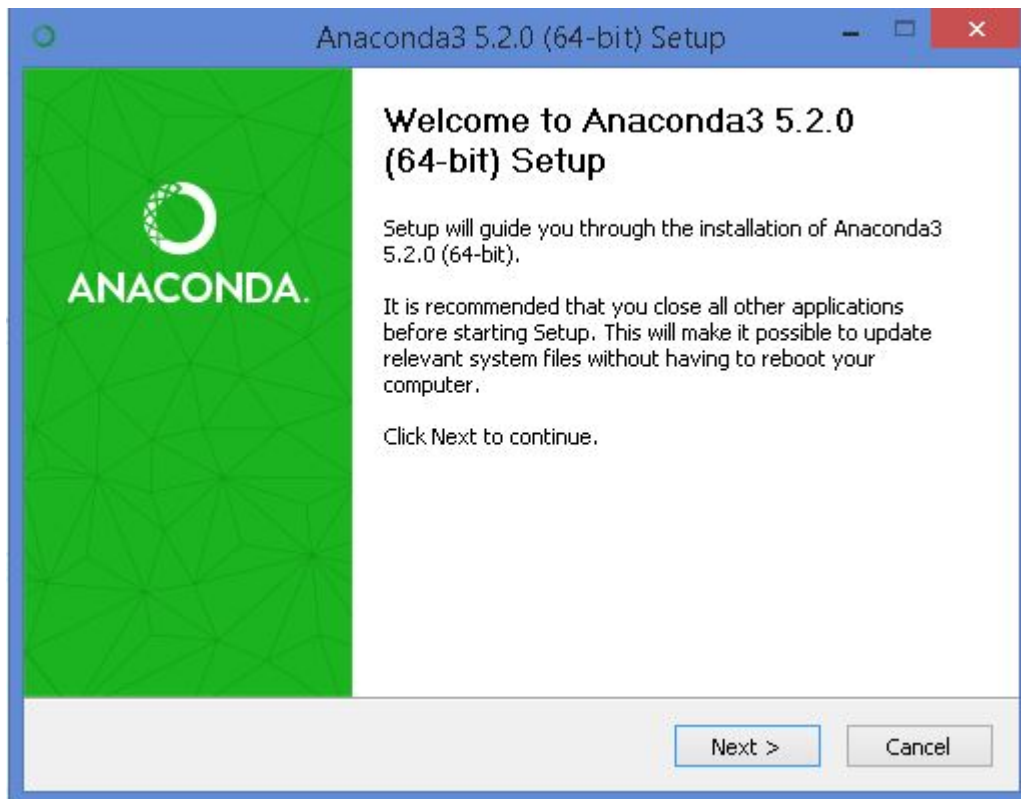
Download

visit [Anaconda](https://www.anaconda.com/download/) and download the version for python 3.6

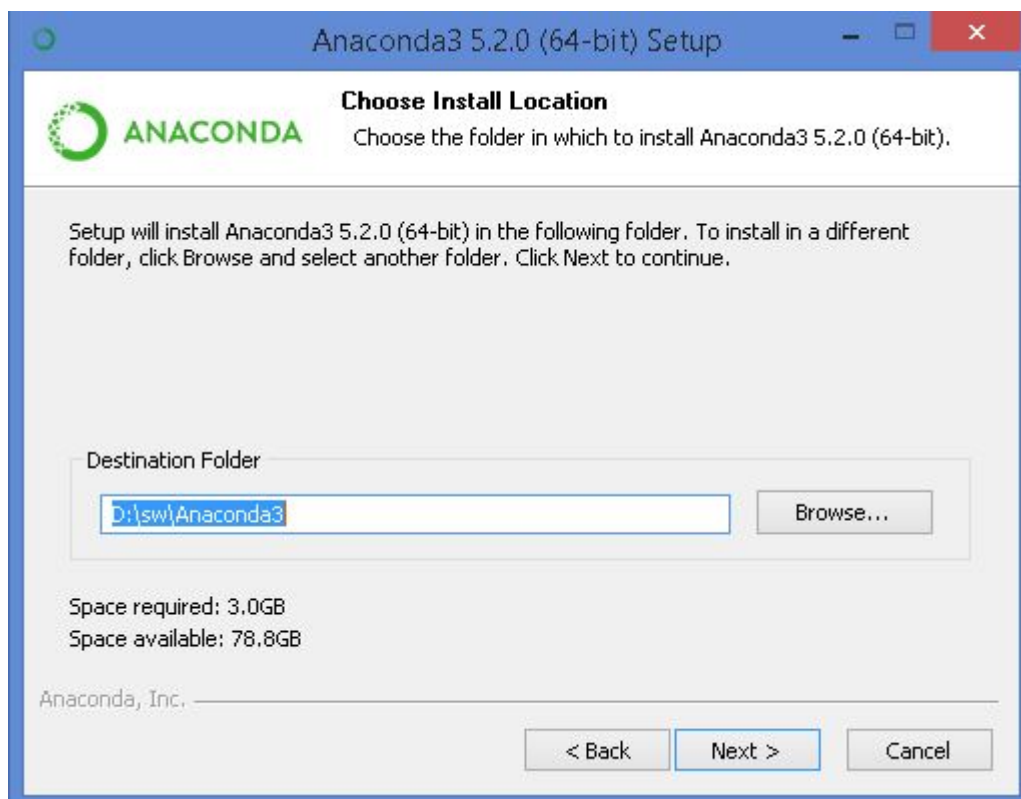


Install

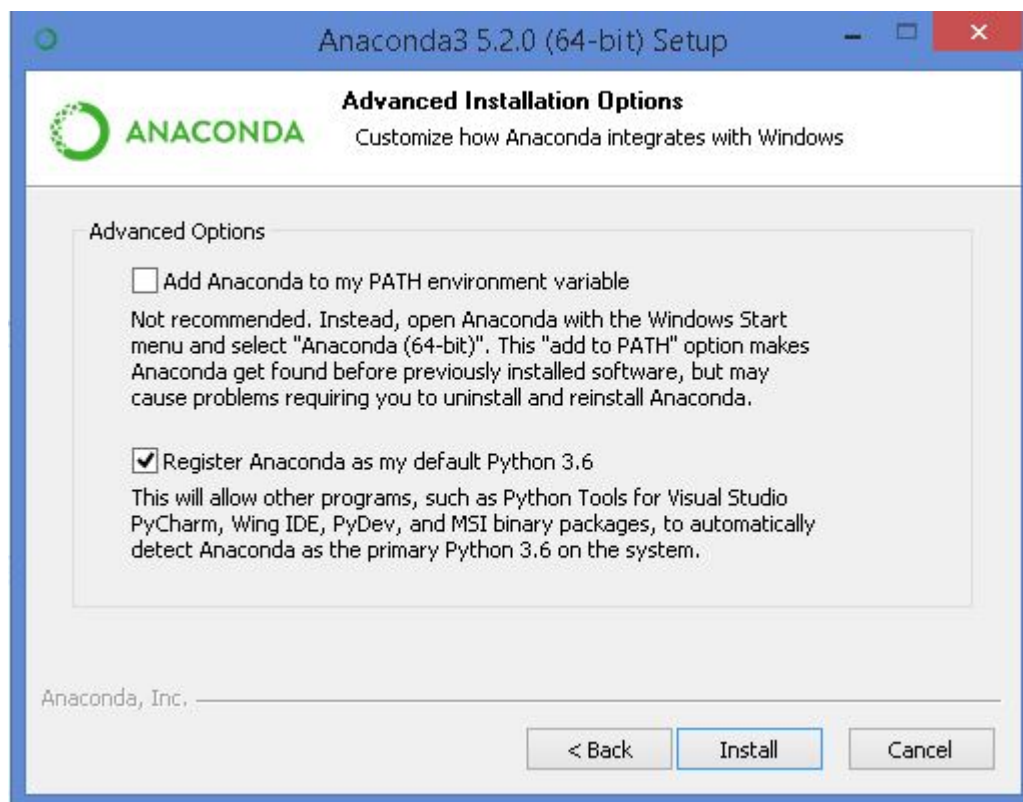
Step -1



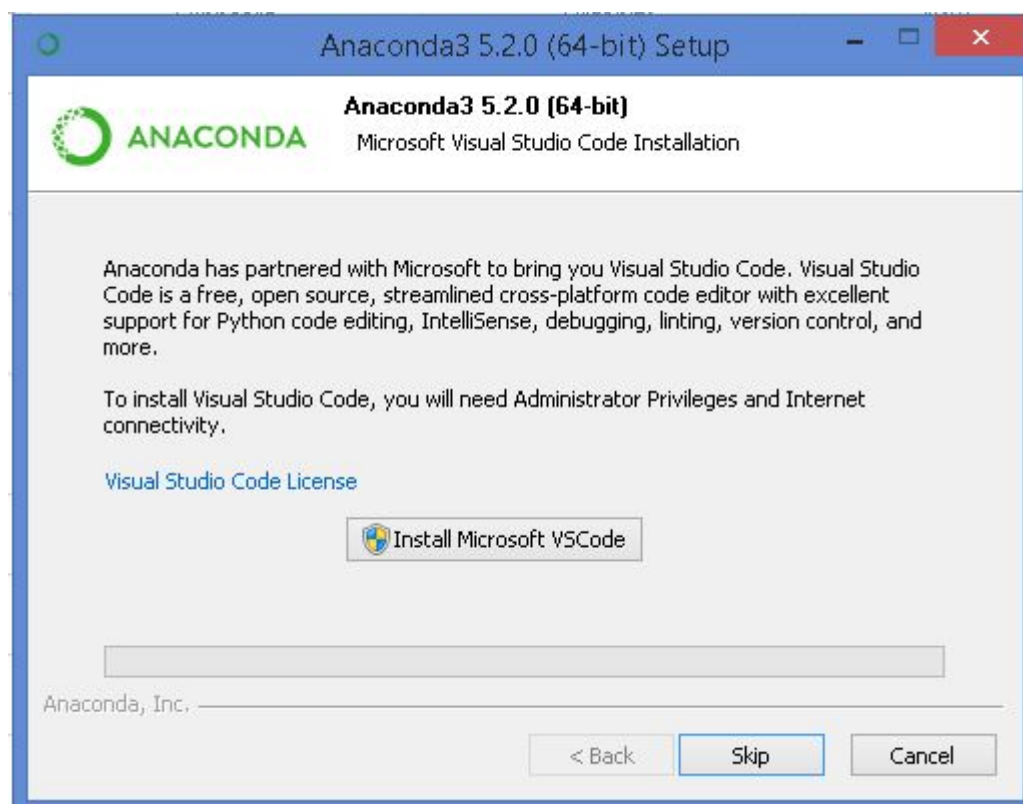
Step -2 Choose any folder you want



Step -3 : Follow the recommended Setup



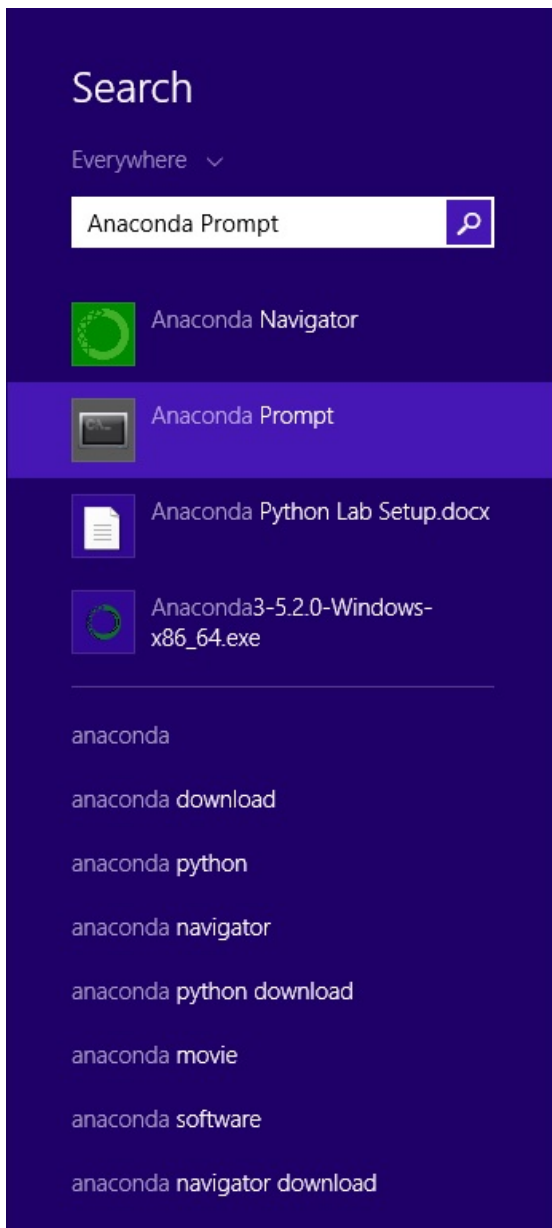
Step -4: **No** need to install microsoft Visual Studio Code. Click on **Skip**



Step -5: Complete installation

Run Anaconda

Step -1 Search for Anaconda Prompt on Windows search and select Anaconda Prompt. A command prompt should come up.



Step -2 : At the command prompt type in these commands. A few of these modules might already be there as an installation of Anaconda itself. (From what I remember only numpy should get installed. Rest all should come with Anaconda by default). From where you execute these do not matter.

```
conda install numpy
```

```
conda install pandas
```

```
conda install scikit-learn
```

```
conda install matplotlib
```

```
Anaconda Prompt - conda install numpy

(base) C:\Users\Dell lap>D:
(base) D:\>conda install numpy
Solving environment: done
```

Run IDE

Step 1- From the same prompt, execute `jupyter notebook`. This should bring up jupyter notebook on your default browser (Firefox or Chrome are better browser choices). The URL will also be shown in the STDOUT.

```
Anaconda Prompt - jupyter notebook

(base) D:\ml-learning>jupyter notebook
[I 16:44:24.312 NotebookApp] JupyterLab beta preview extension loaded from D:\sw\Anaconda3\lib\site-packages\jupyterlab
[I 16:44:24.313 NotebookApp] JupyterLab application directory is D:\sw\Anaconda3\share\jupyter\lab
[I 16:44:24.781 NotebookApp] Serving notebooks from local directory: D:\ml-learning
[I 16:44:24.781 NotebookApp] 0 active kernels
[I 16:44:24.781 NotebookApp] The Jupyter Notebook is running at:
[I 16:44:24.781 NotebookApp] http://localhost:8888/?token=c780eda8e4f6993f9778f54a5bd114c52a679ce4525f50ca
[I 16:44:24.782 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[C 16:44:24.790 NotebookApp]

Copy/paste this URL into your browser when you connect for the first time, to login with a token:
http://localhost:8888/?token=c780eda8e4f6993f9778f54a5bd114c52a679ce4525f50ca&token=c780eda8e4f6993f9778f54a5bd114c52a679ce4525f50ca
[I 16:44:33.395 NotebookApp] Accepting one-time-token-authenticated connection from ::1
```

End

At this point your installation is complete and you are ready!