

# Python and Jupyter Notebooks: Setup Instructions

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# Anaconda - Installation

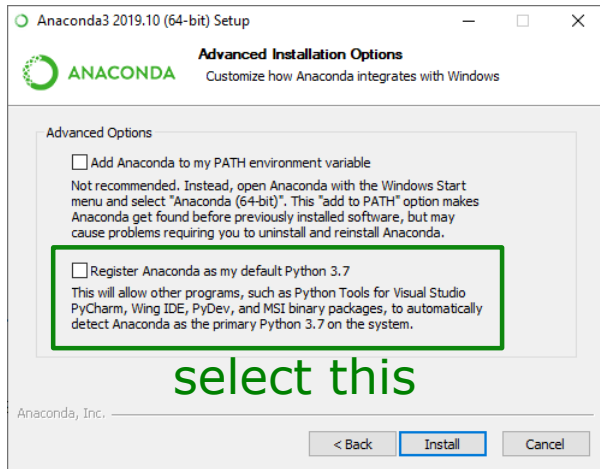
Anaconda is an open source **python platform** that comes with over 7500 **data science** packages. We will use it in this course to have an easily accessible and compatible platform.

Please go to

<https://www.anaconda.com/distribution/>

and download the **Python 3.7** version of anaconda for your OS.

# Anaconda - Installation



# Anaconda - Setting up the Environment

Once Anaconda has been installed **start** the *Anaconda Prompt*.  
Let us start with updating conda:

```
$ conda update -n base -c defaults conda
```

# Setting up the Environment

Please download the file ml-course3.6.yml from ilias and run.

```
$ conda env create -f ml-course3.6-env.yml
```

# Setting up the Environment

To work in an environment you have to activate it.

```
$ conda activate ml-course3.6
```

# Jupyter Notebooks

We will use **jupyter notebooks** to interactively develop and understand ML models. Jupyter notebooks act like an IDE inside your browser. Start it within your environment by using

```
(ml-course3.6)$ jupyter notebook
```

This should open up a tab in your default browser. If not enter the url `http://localhost:8888/` within any browser. Notice that your current working directory will be the **root directory** of this jupyter instance.