

IE 555 – Programming for Analytics

Homework #1 – Installing Software and Obtaining a GitHub Account

Due Wednesday, August 30, by 3:00pm

The purpose of this first homework assignment is to make sure you have the required software packages installed on your computer. We will be writing code in class, so you will need to bring your computer to class each day.

Assignment Details

You will need to accomplish the following three (3) tasks:

1. Install **Anaconda3**. The Anaconda package includes numerous software packages, including IPython, Jupyter notebooks, and Python. In this class, you need Python version 3. x , where $x \geq 8$.
 - (a) Visit <http://anaconda.com/download> and choose your operating system (e.g., Windows, macOS, or Linux).
 - (b) Download the graphical installer for the **Python 3.11** Version.
 - (c) See <https://docs.anaconda.com/anaconda/install> for detailed installation instructions relevant to your operating system.
2. Obtain a GitHub student account.
 - Visit this site to create a github account (**using your UB email address**):
https://education.github.com/discount_requests/new
 - Choose **Student** and **Individual Account**.
3. Open a terminal (also called a “command line”) window and type the following four (4) commands:
 - (a) `ipython --version`
 - (b) `jupyter --version`
 - (c) `python --version`
 - (d) `python3 --version`

NOTE: You will probably get an error for *either* the `python` or `python3` commands. That’s to be expected. **However**, if you get an error for *both* commands there is a problem.

Submitting Your Assignment

Send an email, with a subject of “IE 555 Homework 1” to the course TA (Gabriel, ggazetta@buffalo.edu) using the following template:

Dear Gabriel,

1. The output of `ipython --version` is:
[provide the output of this command here]
2. The output of `jupyter --version` is:
[provide the output of this command here]
3. The output of `python --version` is:
[provide the output of this command here]
4. The output of `python3 --version` is:
[provide the output of this command here]
5. The UB email address associated with my GitHub student account is:
[provide your UB email address here]
6. My GitHub username is:
[provide your GitHub username here]

Regards,
[Your Name]