

IE 555 – Programming for Analytics

Homework #1 – Installing Software and Obtaining a GitHub Account

Due Wednesday, February 1, by 1:00pm

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.

Grading

- If you correctly submit your homework by the due date, you will have earned 100 points (the maximum score) on this assignment.
- The TA will notify you if your submission has any errors. In such a case, you will need to re-submit your assignment.
 - Each re-submission of your assignment will result in a 10-point deduction.

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 3.9.
 - (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 3.9** 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 window and type the following four (4) commands:

- (a) `ipython --version`
- (b) `jupyter --version`
- (c) `python --version`
- (d) `python3 --version`

You should have Python version 3.9. x , where $x \geq 1$. (I created this document several months ago...the precise version number changes over time.)

Submitting Your Assignment

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

Dear Prasangsha,

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]

7. My GitHub username is:
[provide your GitHub username here]

Regards,
[Your Name]