

COMP 593

LAB ASSIGNMENT 1

The Purpose of this Week's lab is to help you get familiar with **Google Colab** and **Jupyter Notebooks**. We will be using Jupyter Notebooks in one form or another for most of our labs, so the experience with adding code and formatting text blocks with markdown will be valuable.

Tasks:

- 1) Review the following Colab Notebooks:

Welcome To Colab:

<https://colab.research.google.com/notebooks/intro.ipynb>

Markdown Guide:

https://colab.research.google.com/notebooks/markdown_guide.ipynb

Accessing Files:

https://colab.research.google.com/notebooks/snippets/accessing_files.ipynb

- 2) Create a COMP 593 Repository in your Github Account
- 3) Load the Lab Notebook and save a copy of it to your Github Account.

Review:

<https://colab.research.google.com/github/googlecolab/colabtools/blob/master/notebooks/colab-github-demo.ipynb>

Lab Repository:

<https://github.com/FlemingJoeNovak/COMP-593-2021/tree/week/one-intro>

(Optional) Review Branches:

<https://docs.github.com/en/github/collaborating-with-issues-and-pull-requests/about-branches>

- 4) Complete the Code sample at the end of Lab Repository Notebook and save it to your Github Repository.
- 5) Take a look at <https://github.com/firmai/awesome-google-colab> and pick a repo that interests you. Create a new Section in your Colab Notebook and using proper Markdown Formatting, write a couple paragraphs on what the notebook does, and how you think it's underlying technology works.

MARKS BREAKDOWN:

/10

UPLOADED NOTEBOOK TO GITHUB REPO

2

COMPLETED CODE ASSIGNMENT

5

COMPLETED REPOSITORY REPORT

2

INCLUDED MARKDOWN FORMATTING

1