

Jupyter Notebook

The Jupyter Notebook

The Jupyter Notebook is an open-source web application that allows you to create and share documents that contain live code, equations, visualizations and narrative text. Uses include: data cleaning and transformation, numerical simulation, statistical modeling, data visualization, machine learning

Source: Jupyter.org. (2018)

Installing Jupyter using Anaconda

- 1- First, download [Anaconda](#). We recommend downloading Anaconda's latest Python 3 version.
- 2- Second, install the version of Anaconda which you downloaded, following the instructions on the download page.
- 3- To run the notebook, run the following command at the Terminal (Mac/Linux) or Command Prompt

```
jupyter notebook
```

Installing Jupyter with pip

If you have Python 3 installed

```
python3 -m pip install --upgrade pip  
python3 -m pip install jupyter
```


Run the following command at the Terminal (Mac/Linux) or Command Prompt (Windows):

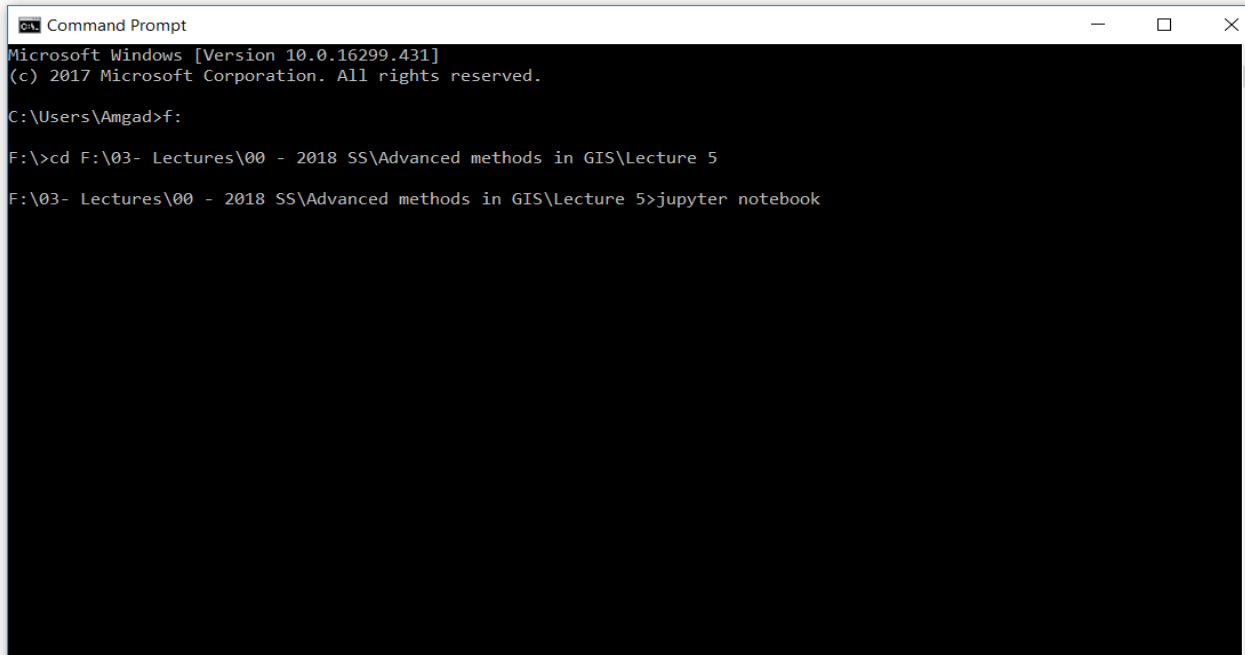
```
jupyter notebook
```

Source: Jupyter.org. (2018)

Start working on Jupyter notebook

2018 SS > Advanced methods in GIS > Lecture 5

Name	Date modified	Type	Size
 Lecture 5.pptx	5/18/2018 4:01 PM	Microsoft PowerPo...	100 KB



```
Command Prompt
Microsoft Windows [Version 10.0.16299.431]
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C:\Users\Amgad>f:

F:\>cd F:\03- Lectures\00 - 2018 SS\Advanced methods in GIS\Lecture 5

F:\03- Lectures\00 - 2018 SS\Advanced methods in GIS\Lecture 5>jupyter notebook
```

References

Jupyter.org. (2018). *Project Jupyter*. [online] Available at: <http://jupyter.org/index.html> [Accessed 18 May 2018].

Jupyter.org. (2018). *Project Jupyter*. [online] Available at: <http://jupyter.org/install> [Accessed 18 May 2018].