

This tutorial is based on <https://www.datacamp.com/community/tutorials/python-for-spreadsheet-users>.

This tutorial assumes that you have all the following installed on your computer:

- **Python 3**
- **jupyter Notebook** for editing code
- **pandas** for data importing and manipulation
- **matplotlib.pyplot** for data visualization
- **seaborn** for data visualization

To save all the hassles of installation, we use the virtual lab for this tutorial.

It is recommended to install a client on your computer to access the virtual lab. Here is the download link:

https://my.vmware.com/web/vmware/info?slug=desktop_end_user_computing/vmware_horizon_clients/5.0. Choose the correct version, download and install. When running it the first time, connect to **view.uoregon.edu** and log in with the same credential you use for email and canvas. Alternately, you can access the virtual lab through any browser by browsing to <https://view.uoregon.edu> but the experience is less smooth and less responsive.

Download:

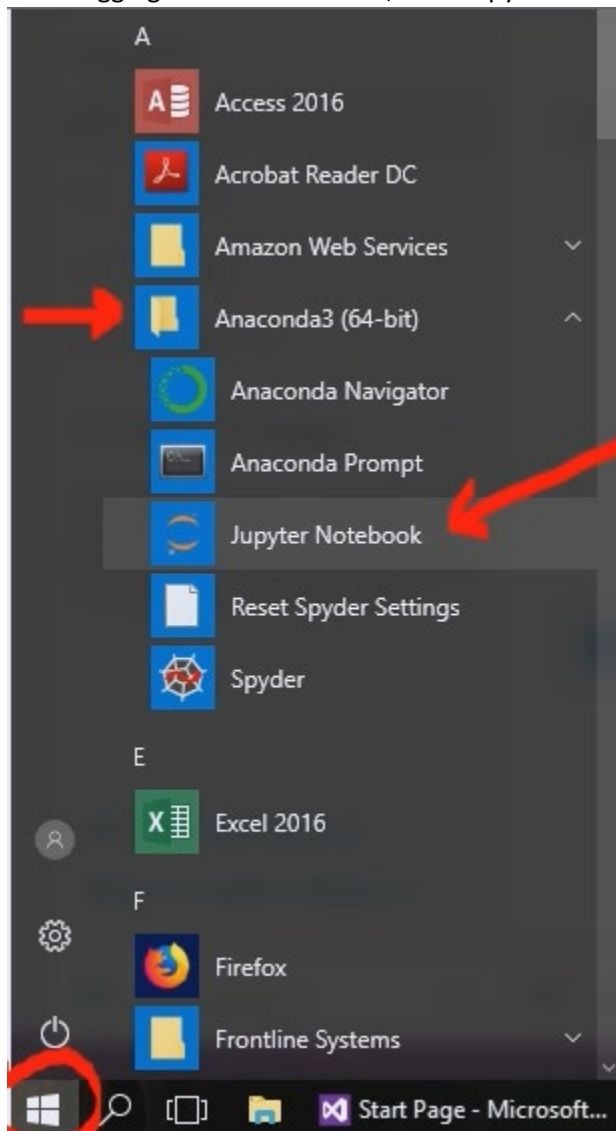
Game sales.csv <https://drive.google.com/open?id=1uRUwE1vjGu5ib6HlfZgTaZa3kHYWE8Oh>

Game prices.csv <https://drive.google.com/open?id=1rEVxPRDhmrPzZqggXFuOZW7Y7Z5AiWAN>

Live.ipynb <https://drive.google.com/open?id=1J6QHbwKBQbz4hKakyCT6ZzJNpla4sLdx>

The first two files are the raw data that we will work on and the last is the code that will do the job.

Once logging into the virtual lab, start Jupyter Notebook under Anaconda3 (64-bit)



Click on Downloads folder in jupyter notebook. You should see the three files you just downloaded. Click on live.ipynb to open it.