

AS00 – Introduction to Jupyter Notebook

Fall 2019 Class: CS4973/CS6463 - NPB 1.226, Tu/Th 6:00 – 7:30 PM

Office hours: NPB 3.222, Tu/Th 5:00 – 6:00 PM (or by appointment)

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1 OBJECTIVE

The objective of this assignment is to become familiar with

- the UTSA CS VDI virtual machine that we will be using for the course, and
- the basic operation of Jupyter Notebook

2 INSTRUCTIONS

2.1 LOG IN TO THE VDI “CS4973 GLOBAL” VIRTUAL MACHINE (VM)

1. You will need an account on the CS VDI system. Your username will be your UTSA Id (of the form abc123). The instructor will tell you the initial password that you must change on your first log-in.
 - a) The computers in the classroom are VDI machines. You can log in directly.
 - b) Remotely, you can access the VDI at this URL: <https://vdi.cs.utsa.edu/> and select HTML access.
 - c) For better performance, from that same link, you can download the VMware Horizon client to install on your own computer.
2. **IMPORTANT:**
 - a) When you log out, anything on the C: drive will evaporate!
 - b) Your persistent storage is V:\, which has a 100 MB limit

2.2 DOWNLOAD THE ASSIGNMENT PACKAGE

1. Using a browser, sign in to BlackBoard and go to the class page
2. In the Assignments directory, download the AS00.zip package
3. Place the file in your v:\ directory and unzip.

You will find the following files in the package

- startup.bat
If this is in your root (V:\) directory, it will be automatically executed when you log in. The example file supplied copies a few bookmarks into the Chrome directory and then starts Jupyter notebook running with the Student Python environment.
- nb.bat
A file to start the Jupyter notebook browser from a command line.
- Bookmarks
Some helpful documentation links
- AS00-IntroToJupyter.ipynb
Your first Jupyter notebook assignment.