

Introduction to Databases

Course Material

PowerPoint slides for this short course are available on our website:

https://hprc.tamu.edu/training/intro_databases.html

About Jupyter

Jupyter is a web application that allows you to easily connect to a remote server and run applications. We will be using **Jupyter** to connect to either titan.tamu.edu or crystal.tamu.edu and use Python.

Requirements

To access the **Jupyter Notebook** you will need:

- An Internet-connected device (desktop, laptop, or large tablet is preferred)
- Internet access (tamulink-wpa Wi-Fi, OAL Ethernet)
- An Internet browser

For this example, we will use Windows 10, tamulink-wpa, and Firefox. These choices will not make a significant difference in using **Jupyter** once you are connected.

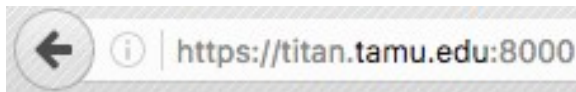
Setup

(1) Open your Internet browser.

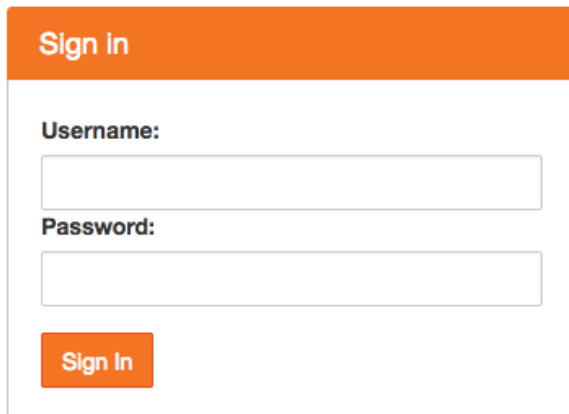


(2) Go to one of the following links:

<https://titan.tamu.edu:8000/>



(3) You should then see a login window. Use your NetID credentials to log in.
This is the same username and password as Howdy and Ada.

The image shows a sign-in form with an orange header bar containing the text "Sign in". Below the header, there are two input fields: "Username:" and "Password:". At the bottom of the form is an orange button labeled "Sign In".

(4) Upon successful login you will see some files and directories.
Click on the **"New"** button and then click the **"Terminal"** menu.

s to perform actions on them.

Upload New ↕ ↻

Notebook:

- Python 2 ↑
- Python 3 10
- R 10

Other:

- Text File 10
- Folder 10
- Terminal 10

Fall_2017_Intro_Perl

Fall_2017_Introduction_to_Database

Fall_2017_Introduction_to_Python

Fall_2017_Scientific_Python

Software

Introduction_to_Pandas.ipynb 2 months ago

(5) Now you should see the terminal screen as shown below, and ready for the class.

jupyter

Control Panel Logout

```
bash-4.2$ █
```