C3 AI Integrated Jupyter Notebook

For scientists wanting to jump right into using C3 AI Suite through Python or R, the integrated Jupyter notebook is a great option. Once you get your C3 AI environment tenant/tag (and Vanity Url), you can easily access the integrated Jupyter Notebook by navigating to `<vanity_url>/jupyter`.

When you access the Jupyter path, C3 AI will spin up a new container containing a Jupyter instance. The first time you do this, it will take a few minutes for this provisioning to be completed behind the scenes. Once completed, you'll arrive at a Jupyter directory!

Here is some additional guidance for setting up the Python Runtime Action: [DTI Guide to Python Action Runtimes in the C3 AI Suite](#).

There are a couple of options to interact with the Jupyter notebooks:

- Create a new notebook: Select 'New' in the upper right and create a new notebook. For now you can only create a new Python3 notebook.
- Open an existing tutorial notebook: Navigate to the 'tutorials' directory in which many C3 AI Data Science-centric tutorials are available.
- Upload an existing notebook: Press the 'Upload' button and select either a notebook of your own or one mentioned on the DTI training pages. (Be aware that the `c3` object will already be available in this case so you will have to comment out cells which establish this object.)

Creating new notebooks and review a tutorial

This notebook comes already connected to the package currently provisioned on your tenant/tag and so, for example, if you have the Covid-19 Data Lake provisioned you'll be able to do the following with no preparation:

Simply navigate to the ‘tutorials’ directory and select the tutorial you want to use. These tutorial notebooks should work out of the box. The C3.ai DTI highly recommends going through the `TutorialIntroJupyterNotebook.ipynb` notebook. This notebook provides a great foundation for working with C3 AI Suite through Jupyter.
Upload a new notebook

Finally, you can upload a new notebook from your local device by using the 'Upload' button.