Mosquitoes in my country

Hi everybody, thank you for all the great feedback on this Jupyter notebook project. I’m hoping you will have a chance to play around with it on your own. To this end, it is available in two different ways:

**MyBinder:**

https://mybinder.org/v2/git/https%3A%2F%2Fmattbandel%40bitbucket.org%2Fmattbandel%2Fglobe-mosquitoes-notebook.git/master?filepath=mosquitoes.ipynb

This link will open a copy of the notebook in your browser. It is hosted by a free service called MyBinder.org. The advantage is that the Python environment is already established for you. The disadvantage is that resources are limited, and so the connection is lost after 10 minutes of inactivity.

You may save any changes you made, even after the connection is lost, by clicking the leftmost cloud icon in the toolbar. You may then reopen using the above link (not by simply reloading the page, as it turns out), and import your saved changes with the rightmost cloud icon. Often this results in opening all the code blocks, which you may close with the eye icon in the toolbar.

Note – we have tested this service on MacOS with Safari, Chrome and Firefox. We have found on PC it is less reliable. It does not appear to work on Chrome or IE, but works for the most part on Firefox. It may take 5-10 minutes to load.

**Python:**

Alternatively, if you already have a Python environment, you may work directly with a copy of the notebook, using these three files:

• mosquitoes.ipynb, the notebook itself

• requirements.txt, a list of Python modules required to run the code

• jupyter\_notebook\_config.py, a Python file with some configuration settings

If you’re on a Mac, you may follow these steps to install:

Assuming you are in a Terminal window in the same directory with these files, running:

pip install -r requirements.txt

will install all the required Python modules. Then running:

jupyter notebook

will fire up the Jupyter home page in your default browser. You should be able to click on mosquitoes.ipynb to open the notebook. You may click on “Save and Checkpoint” from the File menu to save any changes. Typing Control-C from Terminal will shut it down.

**Questions?**

This was developed using Python version 3.6.5 on MacOS with Chrome as the browser. I am hoping it will install correctly on most versions of Python 3, and will run on most browsers, but this has by no means been rigorously tested yet. As mentioned above, we’ve already seen a couple of issues in this regard.

I’ve tried to put some tips in the “Notes on Navigation” section. Otherwise, feel free to direct any feedback, issues, or questions my way at matthew.bandel@ssaihq.com. Thank you so much!

• Matt