**Installation instructions for running the Jupyter notebook**

1. Install miniconda: <https://docs.conda.io/projects/conda/en/latest/user-guide/install/index.html#installing-conda-on-a-system-that-has-other-python-installations-or-packages>
2. Once the installation is complete, open a terminal window and install the following packages using “conda install”:

> conda install jupyter

> conda install -c conda-forge jupyterlab

> conda install matplotlib (also installs numpy)

> conda install scipy

> conda install pandas

> conda install numba

> conda install dask

> conda install xlrd

> conda install -c conda-forge pymc3 (also installs theano)

> conda install -c conda-forge pyscenarios

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 **> conda install** -c **miniconda openpyxl**

 3. Several of the cells require on the order of 10 min to an hour to run depending on the computer and processor(s) being used. These cells include most of the computations of the posterior. Run time also depends on the size of the grid and or number of samples.