Reproducible Analysis

The entire *Reproducible Analysis* must be written in Python as a Jupyter Notebook. You are free to draw on concepts and methods covered in both *Quantitative Methods* and *GIS*, but must still write the code in Python (e.g. adapting something from R in the GIS module to Python). Please ensure that your submission includes: the module name, your group's student ids, and the title of your *Policy Briefing*.

> ⚠ Reproducibility
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> To ensure reproducibility, markers must be able to select `Kernel` > `Restart Kernel and Run All Cells...` and **reproduce your *entire analysis***. This includes downloading and extracting data, cleaning, transformation, clustering… charts, tables, etc. If you need to provide supplementary or partially-processed data then you can provide this via Dropbox, OneDrive (public sharing link), or some other *robust* cloud solution that will be accessible from the marker's system.

> ℹ Time-Consuming Code
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> If your analysis has a particularly time-consuming stage (e.g. Named-Entity Recognition or Part-of-Speech tagging) then you can provide partially-processed data: comment out the code up to the point where you have generated the 'expensive' data set but leave it in the notebook. That way we can see how you generated the data without it being part of the `Restart Kernal and Run All Cells...` reproducibility stage.