The first task we did in the clean-up of the ogs-oilandgas-well-locations.xlsx file was to separate GAS, GIW (gas injection well), WIW (water injection well), and BDW (brine disposal well) into different excel sheets for easier manipulation. We uploaded the file to the GitHub repository, but we realized some column titles were left out on some of the well types, which we promptly fixed. Some issues with the data itself was the location coordinates. There were two sets, one labeled “BH…” and the other labeled with “Wh…” or “WH…”. The “BH…” label turns out to most likely stand for bottom hole, but we still have no clue what Wh stands for. We ended up just getting rid of the “BH…” coordinates altogether because both coordinate labels were very close in value with each other, and most were identical.

One of our crew members found another data set containing possible all the wells in fifty states of the United States of America. This data set had to be split into seven csv files in order to fit onto GitHub. The files were named with this format: “wellsX.csv” where X was a number from one to seven.