

# Goal for the day:

Acquire more data sets and find a way to combine and correlate them. Locate what areas need more internet access.



## Task:

- Focus our consumer complaint data in counties that require more assistance based on our data on free and reduced lunch.
- data clean up/ learn more about jupyter

# Progress Report

We wanted to do:

- Data carpentry to clear up confusion brought upon by datasets

Accomplished:

- Entered data into jupyter notebooks and google colab for data cleaning
- Uploaded datasets and code into github
- Discussed creating a prototype website and possibly pre-recording our presentation

```
In [14]: Internet['Issue'].value_counts()
```

```
Out[14]: Unwanted Calls          764235
          Billing                 292105
          Telemarketing (including do not call and spoofing) 210892
          Availability            110809
          Robocalls              102602
          Equipment               78303
          Privacy                 49194
          Availability (including rural call completion) 47492
          Interference            45039
          Open Internet/Net Neutrality 42916
          Indecency               39072
          Speed                   38505
          Number Portability (keeping your number if you change providers) 27579
          Junk Faxes              20494
          Loud Commercials        18501
          Cramming (unauthorized charges on your phone bill) 14850
          Interference (including signal jammers) 11542
          Pirate Radio            4127
          Slamming (change of your carrier without permission) 1746
          Other                   1541
          Closed Captioning on TV 1524
          Commercials/Promotions  1418
          Telecommunications Relay Service (TRS) 1194
          Phone                   815
          Rural Call Completion   613
          Closed Captioning over the Internet 558
          Tower                   411
          Video Description       148
          Emergency Information on TV 118
          Hearing Aid Compatibility of Wireless Phones 72
          Hearing Aid Compatibility of Wireline Phones 69
```

Improvement needed:

- Locating areas without stable internet access, poverty, and slow speed
- More python and web design learning