

[upto 2 points of extra credit]

data management takes time! value your time! and figure out data you'll use in this class asap !!! producing maps is fast; but data management is 50-95% of time !!!

1. think hard about data you'll use in your career—otherwise you'll waste 100+ hours !!! and write couple sentences/paragraphs about the data you want to use
2. explicitly state your UA (geographies you want to study) –say daycares, hospitals, census tracts (neighborhoods), municipalities, counties, etc
3. may also ask for more data: eg “i want to study X and Y, and need data that will measure it”
4. use your own gis data; again if you do not have dataset, search on the internet for a shapefile, say for NJ counties: “NJ counties, shapefile” or email listserv for help
5. load the data into qgis, and produce a map, and submit ps as per directions below

general notes (always the same):

broad idea:

- it will be cumulative: ps will snowball/accumulate into the final project
- it will be also collaborative: you will see what others are doing

submission guidelines:

- (i'll comment on your ps under discussion/talk tab on the wiki page)
- submit in your wikpage at <https://maps-dppa.camden.rutgers.edu> usr: gis, psswd: ilovegis, if off-campus vpn first <https://vpn.rutgers.edu> you will just have **one** website under **substantive** title eg “income inequality across NJ counties”, put your names at the top, and then keep on adding to it: don't delete what you have already submitted—for each subsequent ps, just add a new section with section titled ps1, ps2, etc; each ps must be submitted this way for indexing/record keeping, but you may link to content elsewhere, eg you can make your own google site <https://sites.google.com/new> that's accessible outside of RU firewall; eg <https://sites.google.com/davidsouthgate.com/poncegis>
- if you work in a group of 2 or 3 people make it 2x or 3x better, eg If ps asks for joining 2 datasets, and there are 3 of you, then just join 6, etc, just do 3x more or better.
- each ps section will have at least one map (make it big with nice resolution, but not too big, say each map should be at least half-page if not much detail, or full page if detailed and each map <1mb) and brief description of a map, say few sentences or a paragraph or max few; also list any problems you've encountered and can ask questions!
- exact links to all of the source data (so that i could create the map myself); note: exact links, eg do not say census.gov, but give full url to the data—i must be able o find it; sometimes there is no generic URL—then give steps: what I need to click to get the data!; or upload data say to your dropbox or google drive and provide link to there; so there must be all raw gis data (e.g. .shp .dbf and .shx and others if any), and any other data (e.g., .csv, .xls) that you used to produce a map; in rare circumstances if you use confidential/private data that cannot be shared, please contact me (and still do provide links to all the other data you're using)
- in addition to submission, you will usually (be ready every class! depending on how we do on time) present the map in class—can just show map(s) (max 5-8min (depending on class size): i will cut you off!
- can change the topic and group (easier to stick with one, but often a good idea to change)

to reiterate, for each ps the following must be always added as new section to the wikpage with all previous ps:

- the maps(s) with short description (and problems and questions if any)
- very specific links to all data
- and prepare for presentation

as soon as possible (and definitely once we cover pretty.pdf, final_project.pdf) :

- the map needs to be “pretty” (syllabus: pretty.pdf): must have legend, title, cut decimal points, make fonts small, etc)
- the map must be “interesting” (syllabus: pretty.pdf, final_project.pdf): ask yourself the “so what?” question; essentially, you need to tell as story with your map

for wikipedia only

wiki formatting: side by side

```
<gallery>
File:Example.jpg|Item 1
File:Example.jpg|a link to [[Help:Contents]]
File:Example.jpg
File:Example.jpg|alt=An example image. It has flowers
File:Example.jpg|''italic caption''
Example.jpg|on page "{{PAGENAME}}"
File:Using Firefox.pdf|page=72
</gallery>
```

OR:

```
{{multiple image
| footer      = The mule links to ''[[Mule]]'', the donkey does not link anywhere,
and the trout links to its image description page as usual.
| align       = left

| image1      = Frecklesmule.jpg
| width1      = 143
| alt1        = A mule
| caption1    = <center>A mule<br />sdad</center>
| link1       = Mule

| image2      = Donkey 1 arp 750px.jpg
| width2      = 150
| alt2        = A donkey
| caption2    = <center>A donkey<br />sdas</center>
| link2       =

| image3      = Rainbow_trout.png
| width3      = 91
| alt3        = A trout
| caption3    = <center>A fish<br />
{{sdsadas}}, ''asdasd''</center>
}}
```