Part I:

Choose/use your own data – Go back to Open Data Philly (or another city’s website) or

pick some other data set that is important to you.

My only requirements:

a.

Please use GeoJSON data!!!!

b.

Choose point data (or other data if you are up for it)

c.

Pick a dataset we haven’t used in class

d.

Watch the size of your files. Some of them are very large and will not properly load in your browser.

You will create either:

a.

A proportional symbol map with classes (like quiz #4)

b.

A proportional symbol map with a getRadius function (like Lab 9)

c.

A map like Show and Tell #4 (equal size symbols)

d.

Some other project that you feel passionate about and feel like you can realistically complete by the end of the

semester.

Please choose wisely depending on what data you are using and the story you are

trying to tell with these data.

Your map should have:

a.

At least three layers with appropriate options (symbolizing your data with one of the SVGs from

Leaflet)

b.

There should be a popup for each symbol

c.

An event listener of your choice on some or all of your layers

d.

A clickable legend/layer control

e.

An appropriate zoom and center

f.

Some other method/option that I haven’t mentioned above (perhaps allowing the user to change

perspective tied to an event or maybe something to do with our friend the draggable marker) Go crazy

with it!

Part II: Provide a link so I can see where your map is hosted!

(See my videos on how to host your Web Map on GitHub)

Part III: Outline/Reflection

Along with the map please include the following:

a.

A detailed outline of step-by-step instructions of how you created your map. (something that will be useful to you in

the future) In this outline you should include snips/screenshots of the Leaflet documentation for the

objects/options/methods you used to create the map.

b.

Write a one-two page reflection on our class. Consider the following questions.

a.

What challenges did you face this semester? What strategies id you use to overcome them?

b.

What part of the course did you struggle with most?

c.

What was your greatest success or ‘aha moment’ in this course?

d.

How do you imagine using what you learned in this class in another setting? Professionally?

e.

If there were a webmapping 2 what would you be interested in learning more about?

Presentation FAQ:

Q: How Long does my presentation have to be?

A: Minimum 5 minutes / Max 8 minutes

Q: Do I need to use PowerPoint?

A: No – but you have to display your code/map

Q: What should be in my presentation?

1. The map itself

2. An explanation of the code and process you went through to create the

map

3. Some reflections related to the questions above