

Lab 7 - Visualizations

In this lab, we're going to continue developing our web app one last time.

Now that we have a complete Web App:

Add a “Visualize” button

Once clicked – it should take you to a new page

That page should show **three** data visualizations

Your visualizations should show **the results of some analysis**

- o What those analyses are is up to you. It's your data and no one is going to be more familiar with it than you. I would advise if you have not been adding to your data repository in your MongoDB spend some time this week collecting data. The more data you have, the better your chances of being able to tell an interesting story.
- o The analyses need not be super in depth. But they should tell us something interesting about our world.
- o Remember: you have to ask good questions of your data.
- o Be creative!

Don't know where to start? Try these sites for libraries that will help you create visualizations:

- o <http://www.chartjs.org/>
- o <http://selection.datavisualization.ch/>
- o <http://d3js.org/>

Below is just one of the many types of visualizations you can make. It's a graph of Tweet sources from a collection of Tweets.

If you are looking for inspiration, I would suggest watching episodes of [Pretty Good](#), [Chart Party](#), and [Dorktown](#). Particularly the latter two.

Other things to think about:

If it is not already, your site must be responsive

Continue “branding” your page

Remember to communicate with your user

Remember to give me a way back to the main page to start over

Remember the README.md

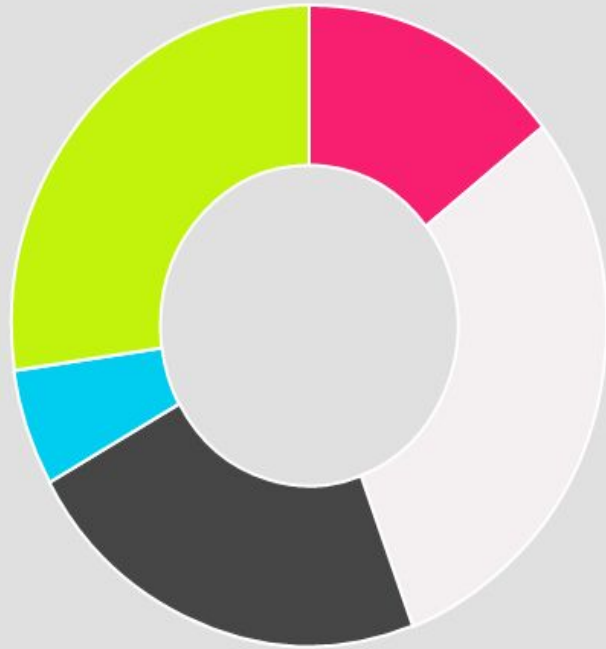
Have fun! This is your last chance to be creative this semester!

You will be graded on the following:

Objective 1 – Analytics	:	15
Objective 2 – Visualizations	:	15
Creativity/Interface/Functionality	:	15
Documentation/Read.me	:	5

Tweet Source

- web
- iPhone
- Android
- BlackBerry
- Others



Congratulations on making it through the labs this year!

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