twitter geolocator assignment.

MA 615/415

November 15, 2016

In this project, you will combine mining a social networking service (twitter), mapping, document creation, and shiny. You may decide to do more. It's up to you.

If you want to explore another social networking side, please get my permission in advance.

Your project will compare tweets between locations. Begin by mining twitter in a few specific locations. Explore how they are different. You can look at the text of the tweets. You can count hashtags. Or, look at @ references.

You will need design how you express your findings. Word clouds? plots? Shiny presentations? You must include maps that show your mining locations. You must have text which can discuss what you did, how you did it, why you did it. You will almost certainly want to discuss what you found.

Use statistical methods to explore and model your data. To test hypotheses you form as you plan your project.

You will need to decide how you will present your findings. PDF? HTML? Something else?

Turn your project in before the last day of class.

Your project results will be evaluated on the basis of:

- Working code

- Minimum features: produces at least one work product (pdf document, web page, shiny app, ?) that combines technical content (plots, maps, statistical analysis, data from an online source) and presentation elements. The final product must be reproducible by anyone who has the production file and the software required to process and compile it.

- Your demonstrated capability to deliver code that works and is readable.

- Your ability to use packages that you discover during the project.

- Appearance of the work product.

- Use of statistics.

- Curiosity.