Talk 2 Details

Length: 5 – 7 minutes

Topic: -- You should choose a topic that will allow you to do the type of speaking you will most likely be doing in your future career. For many of you, this will involve addressing a question and presenting results.

-- A statistics/data science major could choose one of the following data sets and propose a research objective. Your talk should focus on your research question(s), results/conclusions, and implications for future work. You should *briefly* mention the techniques that you used (but should not attempt to teach these techniques to the audience).

- Louisville KY: Dockless Scooter Data: https://data.louisvilleky.gov/dataset/dockless-vehicles (Data under Dockless Vehicle Trips – Block Level)
- Refine Housing Data: https://www.redfin.com/ (Type in City in search box, under listing of houses, click Download All link)
- Minneapolis Police Stop Data: http://opendata.minneapolismn.gov/datasets/police-stop-data (used Download tab)
- NYC PD Stop, Question, and Frisk data: https://www1.nyc.gov/site/nypd/stats/reports-analysis/stopfrisk.page

-- Or, suppose you have written a function. You could choose to present on why this function was needed, how it works, and discuss the results/future implications.

-- A math project will require students to play around with simple scenarios, make appropriate definitions, and make conjectures. The talk should include examples that illustrate the results of those conjectures and will have to illustrate why they hold. It isn't required (or necessarily advised) to prove the conjecture in the talk, but your presentation should carry people along so they find the argument convincing.

-- Feel free to propose other ideas to the instructors, if you feel they are more relevant to your future goals.

Audience: People who need to understand the results of your work but who do not necessarily possess the same technical skills as you (nor do they need to learn those technical skills).

Format: PowerPoint or pdf file

Slides Due: 8 pm on Wednesday, February 26, 2020

Challenge: Communicate your results in a way that is easy for someone who does not possess your technical skills to understand. Make sure your talk takes the appropriate amount of time to deliver.

Presentations: Thursday (2/27), Tuesday (3/3), and if needed Wednesday (3/4).