Charley Ferrari

IS 607

Final Semester Project Download Instructions.

The entire project can be found in the “Semester Project” folder in github, located here: <https://github.com/charleyferrari/CUNY/tree/master/IS%20607%20Data%20Acquisition%20and%20Management/Semester%20Project>

The Markdown file that was used to generate the final report PDF is located here: <https://github.com/charleyferrari/CUNY/blob/master/IS%20607%20Data%20Acquisition%20and%20Management/Semester%20Project/IS607FinalProject.Rmd>

The PDF report is located here: <https://github.com/charleyferrari/CUNY/blob/master/IS%20607%20Data%20Acquisition%20and%20Management/Semester%20Project/IS607FinalProject.pdf>

I created two animated GIFs to display data that I mapped out. You can see an analysis of weekday CitiBike patterns here: <https://github.com/charleyferrari/CUNY/blob/master/IS%20607%20Data%20Acquisition%20and%20Management/Semester%20Project/weekday.gif>

And weekend CitiBike patterns here: <https://github.com/charleyferrari/CUNY/blob/master/IS%20607%20Data%20Acquisition%20and%20Management/Semester%20Project/weekend.gif>

In addition I have a few support files. There are three R files that have the raw code I used for this project (it’s not totally clean, but might be useful if you’re interested in seeing my workflow), as well as the sql setup.sql file. I have png versions of the analysis graphs. Rawweather.RData is the workspace that includes the weather data after it was created.

There are a few chunks of code in the RMarkdown that don’t run, and are for explanatory purposes. The citibike data I used ended up being fairly large, so I didn’t want to upload it to GitHub.