

Final Project Proposal

Drinking water quality is very important. The Flint water crisis in 2014 raised people's attention to the drinking water quality. I would like to conduct a research of the drinking water quality in New York City.

The data sources I plan to use are from NYC Open Data. The data link is:

<https://data.cityofnewyork.us/Environment/Drinking-Water-Quality-Distribution-Monitoring-Dat/bkwf-xfky/data>

The data summarize the drinking water quality distribution monitoring data in New York City from 2015 to 2018. It includes 46k rows of data. The data include turbidity values, fluoride and chlorine found at the sampling locations. I plan to utilize R to create a NYC drinking water quality report for past three years and create an interactive app using shiny for readers and audience.