Gaofeng Zhu’s Personal Report

In this milestone, I contribute on the page rank algorithm, visualization, part of automation. For the page rank part, I customized the self-loop part because the page rank originally for website so the self-link attach on itself doesn’t make sense but in our project the uber order start and ending in the same location area make sense so I add weight for self-loop as the same as other edges will get a correct rank value. Then, I cooperate with Chuwen Sun to set up the automation between the process.py and kmeanPagerank.py make our pipeline automatically. Last based on this result as csv file, I create the visualization for each cluster as maps in NYC and stand for end point of our pipeline.