Capstone Week 4 – Introduction / Business Problem

- **Business Problem:** I want to start living in New York City (NYC), but I don't know what neighborhood to live in. I love to eat Chinese food so I want to live in a neighborhood that is small, but has a high density of Chinese food restaurants. Eventually, if the neighborhood is well-suited, I may consider opening my own restaurant – I want to open mine in a community of similar minded eaters. (If you want good Chinese food – go to China Town!)

- **Target Audience / Stakeholders:** This analysis is a good project for data scientists seeking to explore available open-source tools. It is also a useful tool for someone who wants to move to NYC! The simple problem statement above is actually quite complex to resolve, but easily done with the correct tools and code.

- **Background:** NYC is exciting and interesting and I like tall buildings. I enjoy the cultural diversity. I like to eat a lot of food, so I want there to be lots options to eat near-by. This project would be nearly impossible to do by flipping through a phone book, or trying to search manually though google. This project seeks to utilize the advantages of modern-day data science tools to solve the problem discussed above.