INFO-H400 (15480) Topics in Informatics: Data Visualization
Yong-Yeol “YY” Ahn
Lecture: M 4:00pm-5:15pm, I 107
Lab: W 4:00pm-5:15pm, I 109

Description:
From dashboards in your cars to the heart of all businesses and governments, we extensively use visual representation to make sense of data. As every aspect of our life is increasingly driven by data, and as visual representation is the most fundamental way to understand data, data visualization is becoming a critical skill for all knowledge workers. In this course we will learn fundamentals of data visualization and create your own visualizations by exploring real-world datasets of your interest.

Textbooks:
- Tamara Munzer, Visualization Analysis and Design
- Scott Murray, Interactive Data Visualization for the Web

Prerequisites:
This course is open to graduate students as well as advanced undergraduate students. There is no formal requirements, but it is recommended to have solid understanding of programming and web (including I210 & I211 or equivalent). Also I308: "Information Representation" is a recommended class before taking this class. Working knowledge of Javascript or other scripting languages (e.g. Python) will be helpful. Contact the instructor if you are uncertain about your background.