

- ★ Who is on the team?
 - Filippas Lymperopoulos, James Wang, Nur Shlapobersky
- ★ In a couple of paragraphs, describe the key ideas of your proposed project? What is your MVP? What are your stretch goals?
 - We are very interested in looking into the topic of immigration and exploring how people throughout history have moved around the globe. We specifically want to look into how the USA has treated and interacted with immigrants throughout time, starting in the 20th century until today.
- ★ To the best of your current knowledge, what datasets will you use for your project? Are there any obstacles you foresee in terms of getting access to the data?
 - USASpending.gov
 - The Department of Homeland Security database
 - US Census Bureau
 - UN Department of Economic and Social Affairs
 - Naturalization and Immigration Services
- ★ What are the most important new skills / techniques you will have to learn to be successful in this project? If you think some of these skills would be useful for us to cover in class, please indicate which ones.
 - We want to learn more about data analytics and preprocessing of data
 - D3 visualization tool
 - Potentially use different tools for data storage (sqlite3 etc.)
- ★ Outline a rough timeline for the major milestones of your project. This will mainly be useful to refer back to as we move through the project.
 - Data Exploration (2 weeks)
 - Context Development and Catch up (1 week)
 - Visualization exploration (2 weeks)
 - Wrap up and talk with other team about final web viz deliverable
- ★ What do you view as the biggest risks to you being successful on this project?
 - One of our risks is in the way we turn immigration policy into processable data. It has the potential to both encode many of our own assumptions, as well as take up a large portion of our work time.
- ★ Given each of your YOGAs (see [here](#)), in what ways is this project well-aligned with these goals, and in what ways is it misaligned? If there are ways in which it is not well-aligned, please provide a potential strategy for bringing the project and your learning goals into better alignment.
- ★

- **Filippos**
 - This project will allow me to explore both better data science techniques for manipulating data with Pandas that I am very interested in, as well as applying the results from this analysis to the development of cool visualizations using D3.js. One of my main goals during the YOGA assignment was to develop a final product that is readable and approachable by viewers that have not been exposed to the topic and want to learn more on the matter of immigration. This project will allow me to do this and more on learning more about the political scene in the US and how it has been treating immigrants throughout time.
- **Nur**
 - Answering specific questions: We've determined a very specific question that we will be investigating, and we will be both crunching numbers, and then explaining those numbers by looking at relevant legislation immigration policies that were passed in order to explain this data.
 - Visualisations from multiple angles: We are going to be answering questions about government treatment of immigrants both over time, and from different sectors of government. People exploring our results will have multiple perspectives from which to explore our research.
 - Thought-out divisions of labor: We've already begun creating a breakdown of the tasks involved in this project, and once we've finished this assignment we will be spending more time diving the labor.
- **James**
 - Practice more data visualization skills
During this project, we will produce lots of data visualization for interpreting the US reaction to the immigrants. For this visualization, we potentially will use D3 or explore other visualization tools.
 - Practice and dive deeper into data analyzing
The key of this project is to explore the US reaction to the immigrants and analyze the reaction like government policies' effects on the "treatment" of immigrants in the society. So this will involve lots of analyzing.
 - Explore more machine learning algorithms
In this project, we don't really need machine learning models to help predicting anything. Potentially I could practice my natural language processing skills to analyze people's impressions of immigrants through medias like newspapers, social networking platforms(twitter).