Project 2

With recent news spiraling through multiple funnels in the media, the topic of immigration is a hot button topic that dominates not only the media, but economic, political, and especially individuals personal gain. Let it be moving to a new country for a better education, safety, or gain a new experience. Throughout the whole world, the global population moves from country to country \_\_\_ times a day.

This intern leads to the topic of immigration, which asks a number of questions from: Why should we let this individual in? How will they affect the economy? and a number of other questions.

I have specifically targeted predicting the US immigration quota for next 10 years. This project has a special place in my heart because of these two. My dad immigrated here in the 70s, and my mom did in the 90s. Without them, who knows if I would’ve found out the novel idea of not only what a taco is, but putting breakfast in that taco and calling it a breakfast taco.

With that background, I’m Cyrus Rustomji, and I’ll go into a little more detail to how I was able to predict the US immigration quota in the next 5 years.

I used the past \_\_\_ years of data, and I chose US GDP, US population, global GDP, global population, and a foreign policy indicator. Both GDPs are adjusted for inflation, and the foreign policy indicator is binary meaning a 0 if president has a strict immigration policy and a 1 if the president has a lax immigration. As I cut the years in my model down to bring a more modern approach to the immigration policy, 50% of presidents in my model have a strict policy while 50% have a lax one.

* Talk about how I found training data, then did k-folds, then tested the test data on my training model and found an accuracy score of \_\_\_\_\_\_.
  + Freeze last 10 years
  + Shuffle data
* This score was lower than my score just by running an ols and finding a score from there
* Calculate RMSE after un-transforming model