

U.S Permanent Visa Applications

Dataset

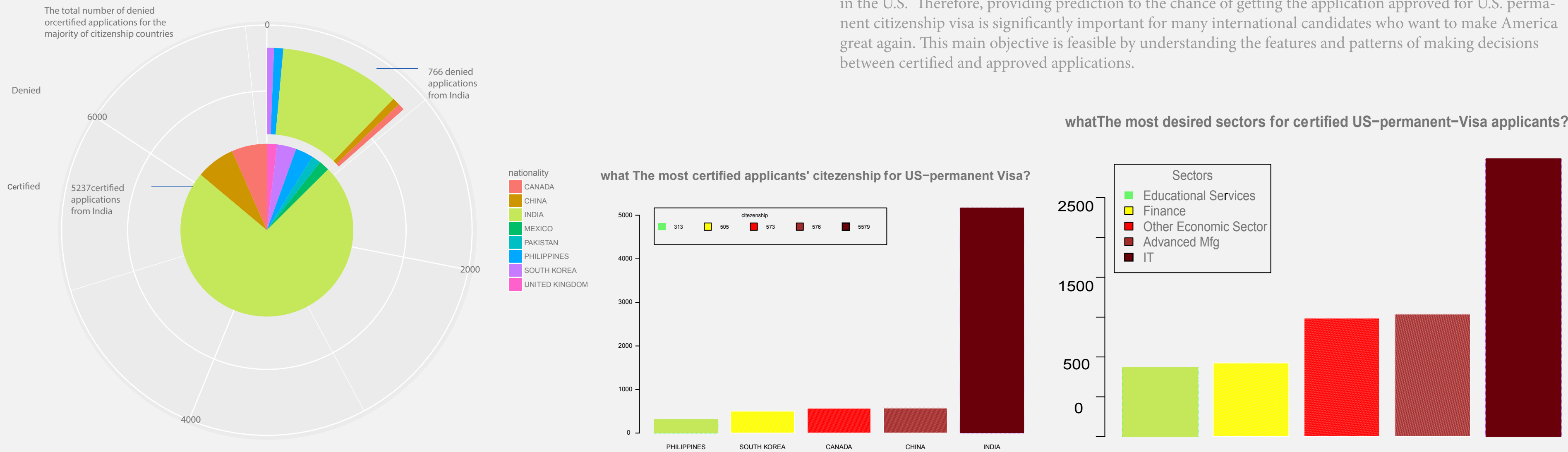
I used Kaggle to download the dataset that contain, before cleaning, about 374362 observations and 154 variables. The data was collected by the Department of Homeland Security's U.S. Citizenship and Immigration Services (USCIS) which gather information about people who apply for the U.S permanent visa in 2011 and 2012. After initial cleaning, we have about 12484 observations and 12 variables.

Story:

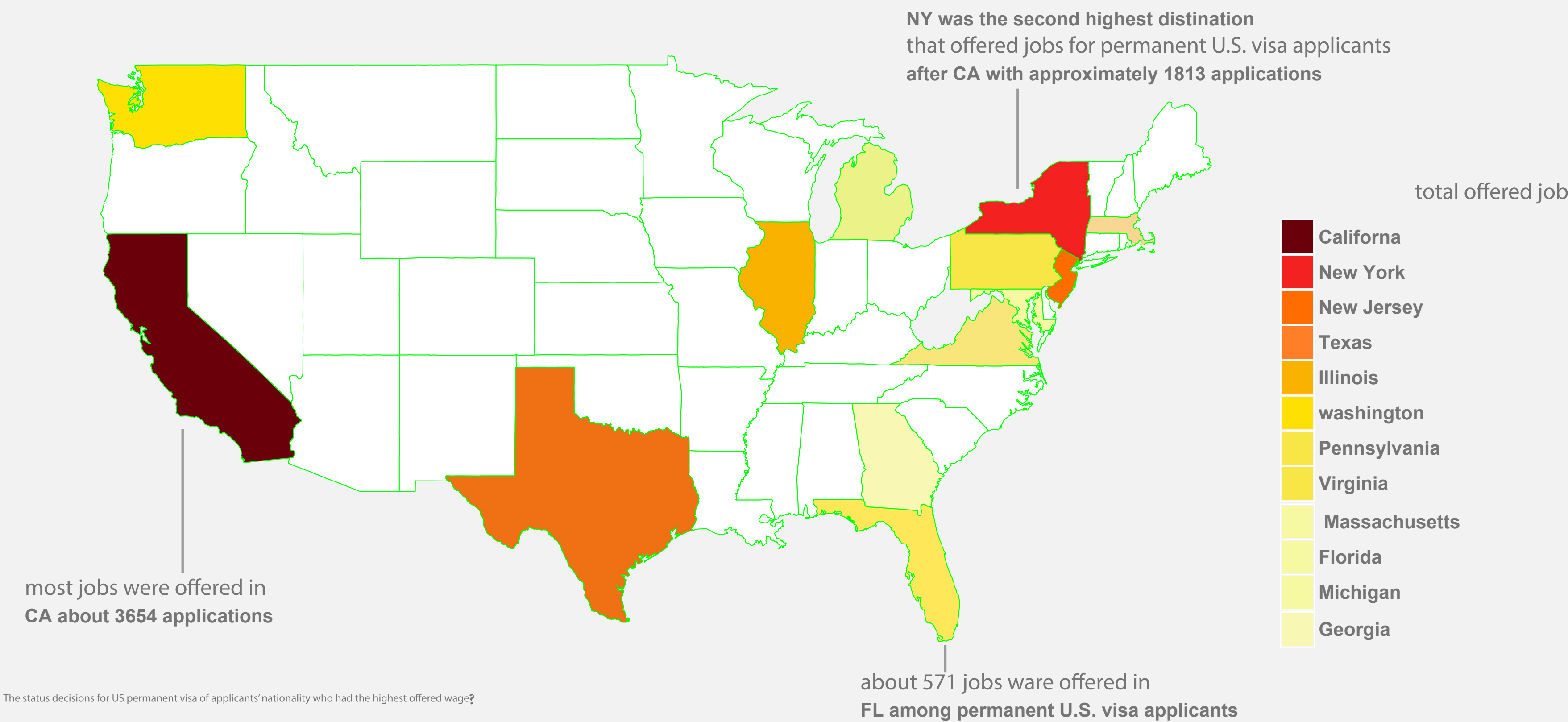
Homeland Security's U.S. Citizenship and Immigration Services (USCIS) yearly receives more than 6 million applications where the majority of applicants is for permanent U.S. resident citizenship visa. Thus, the competition among international candidates to live the U.S. permanently increased accordingly.

Audience:

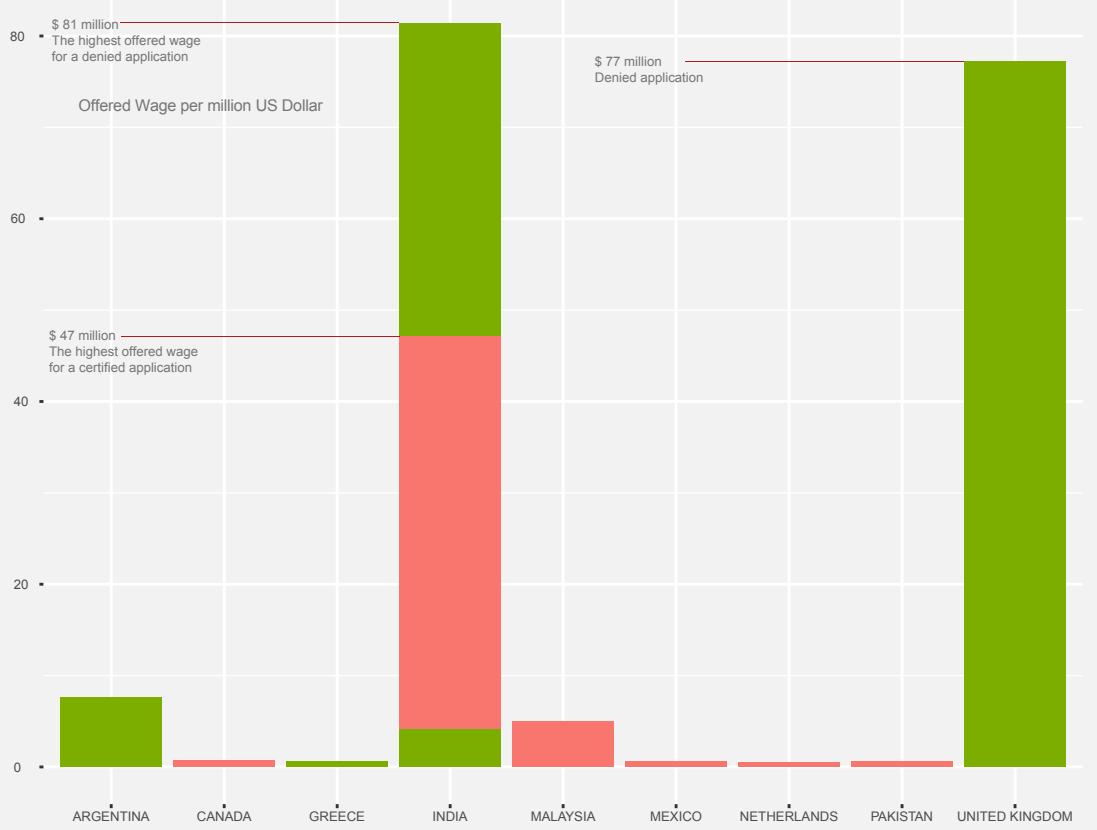
Since business demand is increasing in the US, there are many people who are interested in living and working in the U.S. Therefore, providing prediction to the chance of getting the application approved for U.S. permanent citizenship visa is significantly important for many international candidates who want to make America great again. This main objective is feasible by understanding the features and patterns of making decisions between certified and approved applications.



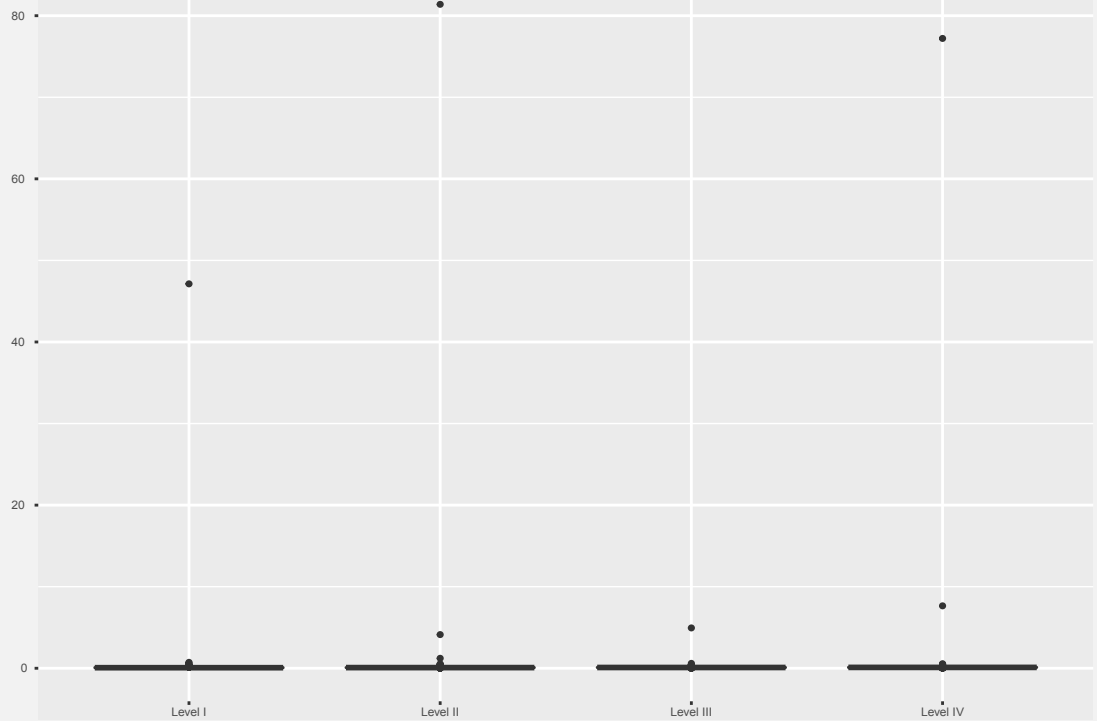
Most Common Employer States for Permanent US Vias Applicants



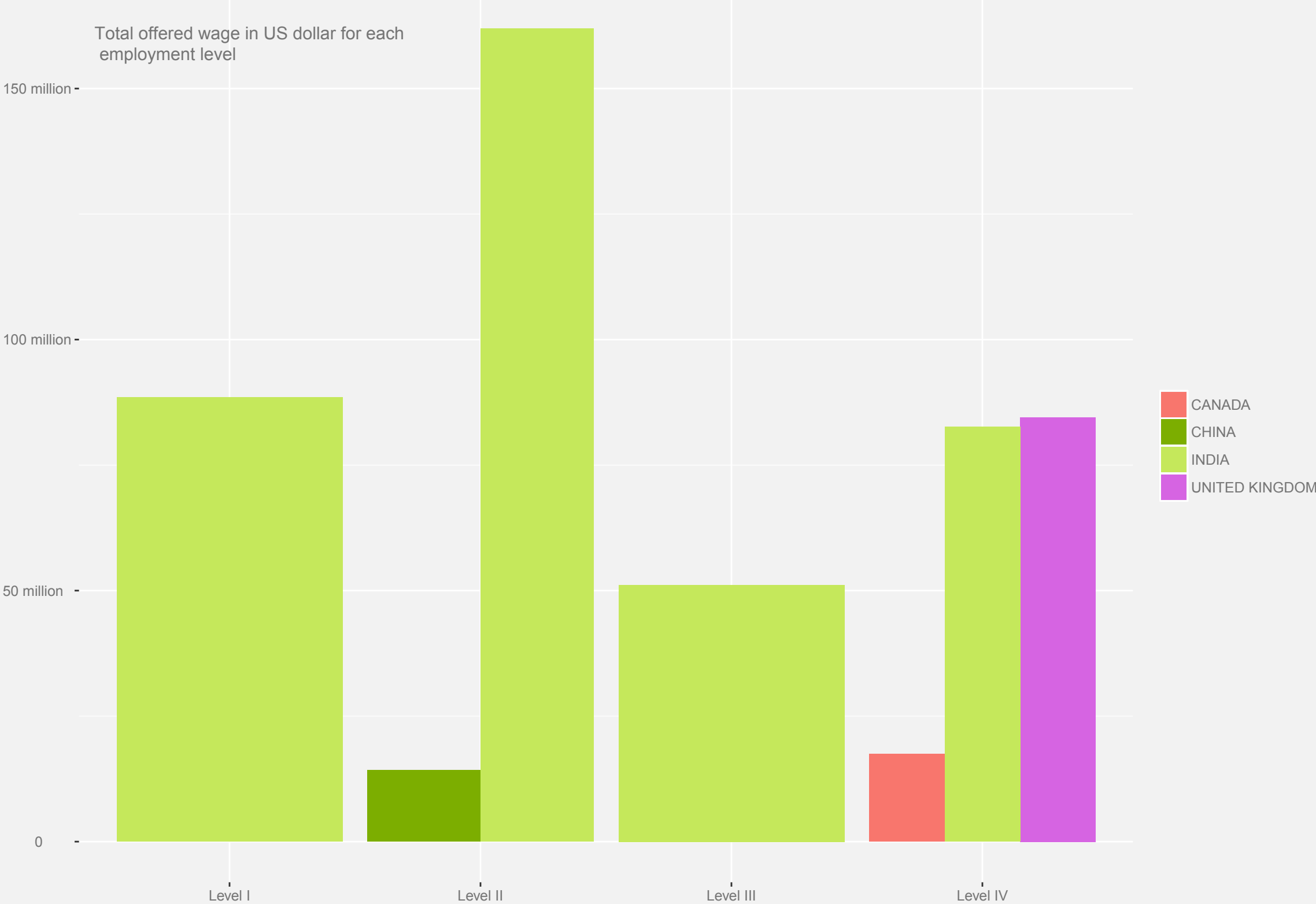
The status decisions for US permanent visa of applicants' nationality who had the highest offered wage?



The offered wage per million US dollar distribution across US employment level?



The highest total wage offered for different country citzenship across US employment Level?



Source:

Boysen, J. (n.d.). US Permanent Visa Applications. Retrieved from Kaggle: <https://www.kaggle.com/jboysen/us-perm-visas>



IST 719 Information Visualization
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