1. What are the consequences of legal immigration on the US population and the labor market?

-Increase in birth rate

-Increase the labor workforce

-Sustain productivity

Context: The US birth rate has been declining for the past two decades. In 2021, it has dropped by 20%. However, the US population has been almost stagnant. For example, in 2021, the total US population increased by 0.31% from the previous year. Why did the total population increase when the nation’s birth rate was decreasing? Does legal and illegal immigration contribute to a significant increase in the US population? How immigration affects the labor market?

The problem statement above will be addressed by considering the impact of legal immigration on each state individually. Additionally, we will analyze countries of origin and education levels of the foreign-born population.

1. Datasets:

**2022\_0920\_plcy\_state\_immigration\_data\_sheets\_fy2021 (3).xlsx**

* “Primary” dataset
* Shows number of legal immigrants by state for FY21

<https://www.dhs.gov/immigration-statistics/readingroom/state-immigration-data-sheets>

**2202\_0405\_plcy\_lpr\_by\_type\_broad\_class\_sex\_and\_broad\_age\_fy2021\_d.xlsx**

* State-level data for the top 20 states of residence of new LPRs by type and broad class of admission and by sex and broad age group.

<https://www.dhs.gov/immigration-statistics/readingroom/lpr/table_9_portion_by_type>

**foreign born workers profile.xlsx**

* Employment status of the foreign-born and native-born populations by selected characteristics, 2021-2022 annual averages.

<https://www.bls.gov/news.release/forbrn.nr0.htm>

**PopulationReport FY21.xlsx**

* Table showing total US population by state

[**https://data.ers.usda.gov/reports.aspx?ID=17827**](https://data.ers.usda.gov/reports.aspx?ID=17827)

import an excel sheet

import pandas as pd

Foreign\_Education = pd.read\_excel('. C:\Users\timje\Code\SavvyCoders\Capstone/MPI-Data-Hub\_EduAttainment-Nativity & byCOB\_2021.xlsx', sheet\_name='Education')

Education

1. **Plan:**
2. **Compare the US population data for FY 2021 with the total of lawful residents/immigrants for the same year.**
3. First, I will clean the spreadsheets related to the comparison to ensure I select relevant data to facilitate the analysis.
4. Demonstrate which state is more impacted by immigration from 2012 – 2021.
5. Analyze their Countries of origin.
6. Analyze the demographics of the foreign-born labor force for FY 2021 by using Python and Tableau
7. Determine the percentage of workers in the US who are foreign-born.
8. Breakdown the foreign-born labor force by age, sex, race, and education
9. Determine the impact of education levels on earnings.