# US DEMOGRAPHICS

# Jean Paul Uwimana Data Science IST 719: Information Visualization

Data Source: https://kaggle.com/datasets

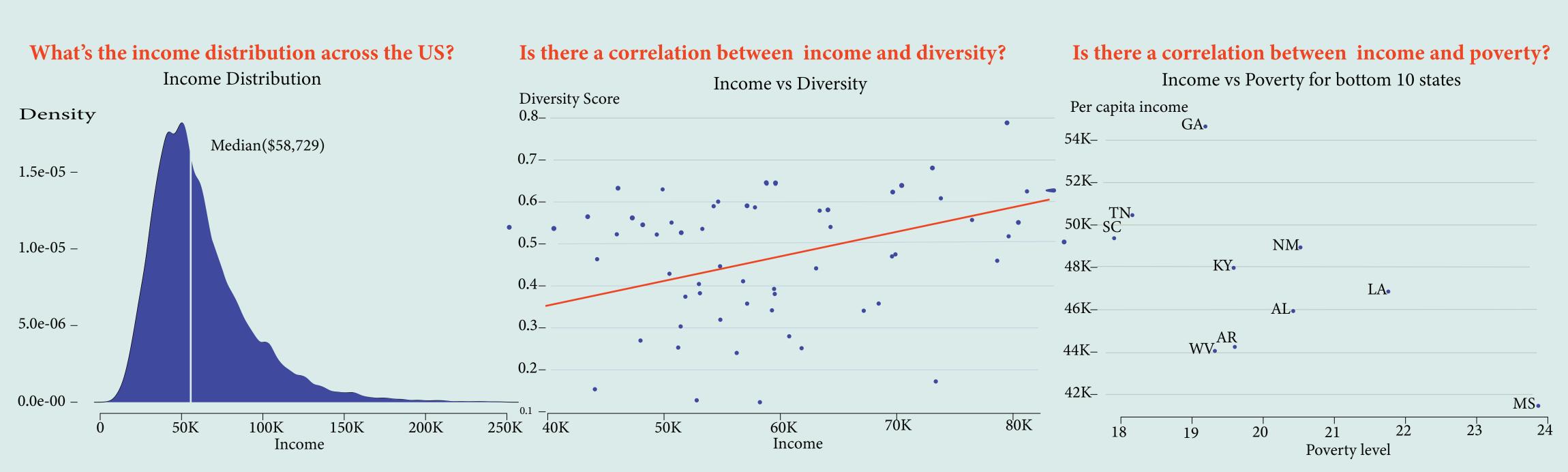
#### Story

Census information is very crucial for decision making and overall well-being of the population because it provides the necessary data that allows government agencies to know how and where to allocate budgetary resources. It also helps healthcare providers in predicting the spread of diseases and businesses to decide where to invest.

## Data

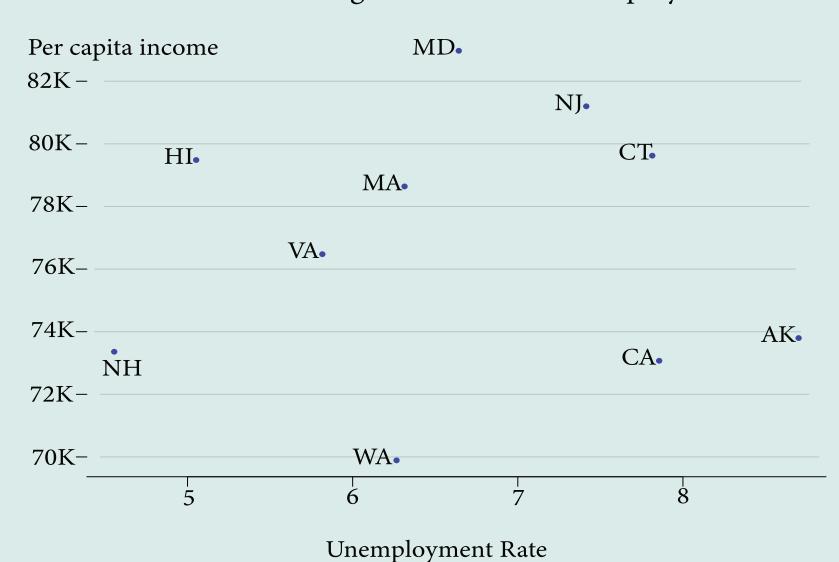
The dataset is about the demographics of the US population. It was collected by a aub-division of the US Census Bureau, American Community Survey (ACS) in 2015 and published on Kaggle. The data consists of 70,001 records and 37 columns. After the data cleaning, the dataset was reduced to 72,743 and 18 columns **Audience** 

- 1) Federal/state/local government agencies to help allocate resources
- 2) Community organization use this information to develop social service programs
- 3) Businessuse this data to decide where to locate factories, shopping centers etc
- 4) US Congress to help them decide how many seats each state will have
- 5) Academia for research
- 6) Healthcare providers for research and fighting diseases

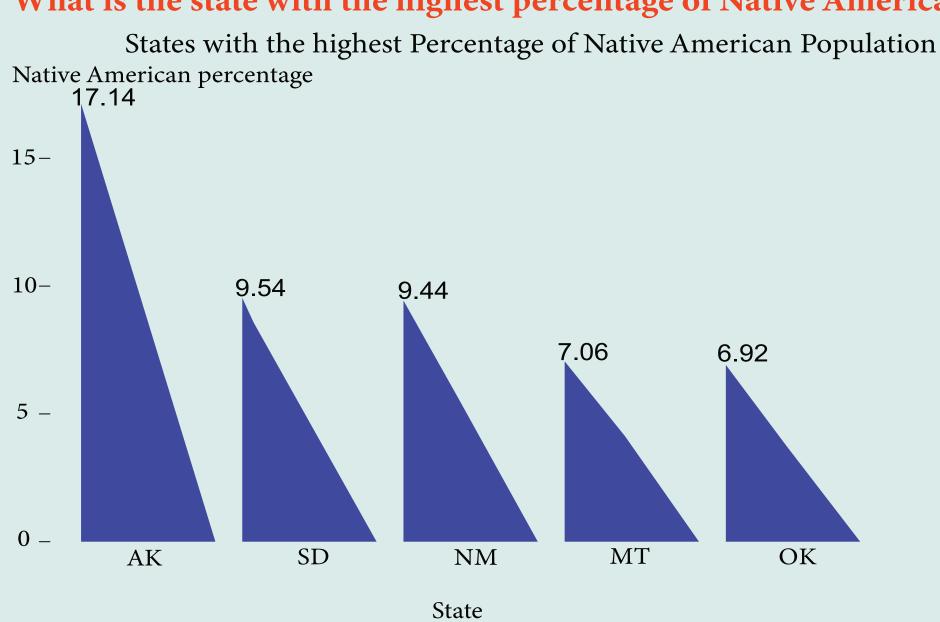


#### Is there any relationship between high income and unemployment?

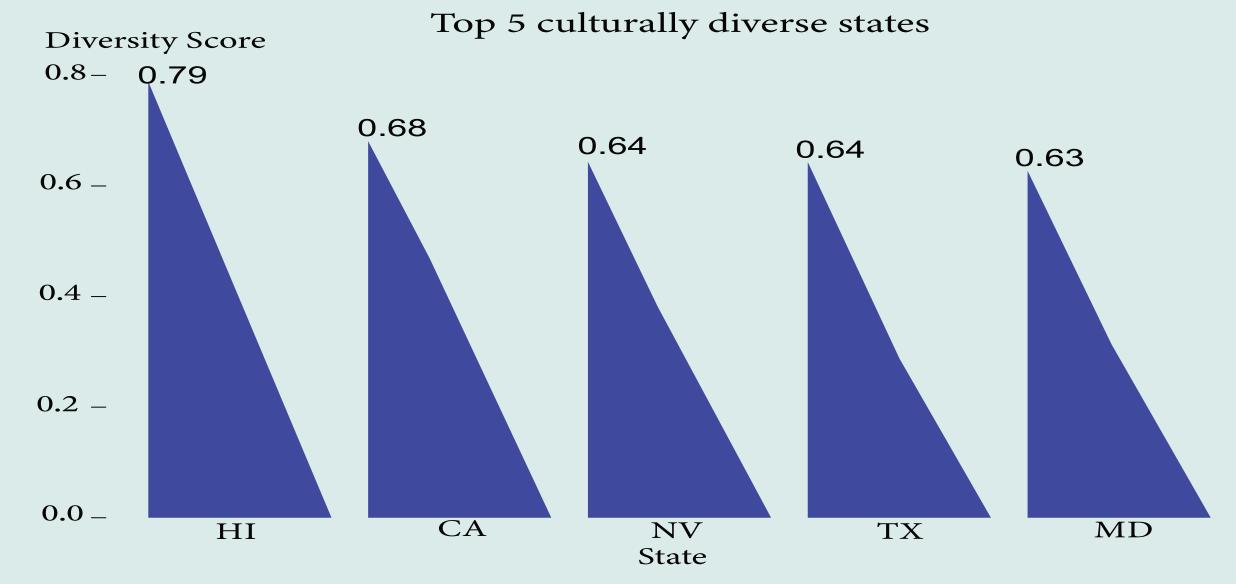
#### States with highest income vs unemployment rate



## What is the state with the highest percentage of Native American population?



## What are the top five most culturally diverse states in the US?



## What's the poverty rate by state?

