

Project Proposal

Kaitlyn Zhang





Purpose

The purpose of this project is to explore
population data by state



- The topics that will be included in this database are population size, employment, education, income, and housing.
- The data for this project will be pulled from the 2020 US Census.
- Every state that has complete data for the purpose of this project will be included in the database.



Method

- I will use PostgreSQL to build this database.
- The data is pulled from data.census.gov
- Data collected in 2020 will be used.



Population by age
population
under_5
5_19
20_34
35_49
50_64
65_79
over79

Population by sex
population
male
female

Employment by type
employment_rate
employed_private_company
self_employed_incorp_business
employed_non_profit
employed_government
self_employed_other_

Income by family type
median_household_income
families
married_couple_families
non_family_households

State
state_name
region

Demographics
state_name
median_household_income
employment_rate
total_housing_units
total_households
population
college_educated

Education
college_educated
high_school
some_college
associates_degree
bachelors_degree
graduate

Housing
total_housing_units
total_households
median_gross_rent
homeownership_rate
occupied_units
vacant_units