4 Select Cities population change from 2000-2019

Group B- Hema and Matt W

Project Description/Outline

Our goal is to find what changes have attributed to population change from 2000 to 2019.

We have chosen 3 cities that have shown a great decrease and 3 that have shown a great increase in population.

We chose the following cities based on the percent change from 2000-2019 population.

We want to look at the

Selected Cities-

Detroit Michigan

St louis , Missouri

(3)Baltimore Maryland

Austin TX

Denver Colorado

(3)Carmel IN

Research Questions to Answer

We would like to look at the change in taxes, retirement, income and cost of living for the selected cities, to determine if they had significance in population change.

Data sets to be used

Census data for 2000 and 2019

<https://www.census.gov/data/tables/time-series/demo/popest/2010s-total-cities-and-towns.html>

https://www2.census.gov/library/publications/2001/compendia/ccdb00/tabC1.pdf

Tasks

What will be needed to interpret the data.

Collect

Clean

Merge

Plots- line , scatter, bar (before/after), regression lines

Considerations for what drives population change over time--

-population for selected cities 2000 and 2019 (intervals of 2-5 yrs)

-museums -counts

-restaurants – counts by city(lat/lng) on google

-Jobs numbers-(job search websites)

-Big corporations -

-natural resources -

-climate- weather websites

-Percent Change

What will be needed to interpret the data.

Dataframes

Plots- line , scatter, bar (before/after)

Websites to reference-

<https://www.census.gov/data/tables/time-series/demo/popest/2010s-total-cities-and-towns.html>