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Project Description: Our project will look at the top one hundred American cities, based on population, and analyze the cost of living, the number of tourists, and how much money the average tourist is spending in a city. The connections between each of these things will be explored and any patterns found will be related. Our hypothesis is that there will be a positive correlation between the cost of living and the level of tourism.

Research Question:

- How does tourism affect the cost of living in large cities?
- Is there an identifiable impact based on household income?
- Is there a correlation between the number of tourists and the total amount of tourism dollars spent?
- Is there a correlation between population and annual tourist visits?
- Is there a correlation between population and annual funds spent by tourists?
- Based on the findings should cities allocate additional funding to tourism?

Rough breakdown of tasks:

Collecting data

Cleaning data

Analyzing and comparing different data sets

Creating project presentation

Creating ReadMe file

We will explore the following API:

City population: <https://www.worldpop.org/sdi/advancedapi/>

Tourism: <https://www.unwto.org/tourism-statistics/tourism-statistics-database>

Census.gov API: <https://www.census.gov/data/developers/data-sets/popest-popproj/popest.html>

Fred API: <https://fred.stlouisfed.org/docs/api/fred/>