Analysis Data File: combined_data.csv

Unit of Observation: year

Variables:

num_immigrants

Definition:
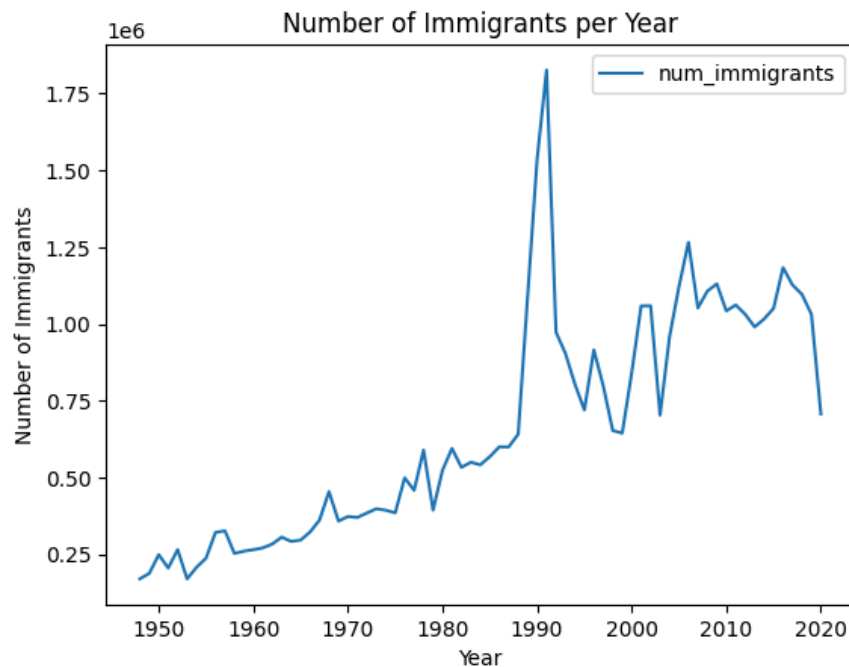- The number of new immigrants (legal and naturalized) in the U.S per year.

Construction:
- This variable was constructed from *new_immigration.csv*, from the variable *num_immigrants*. The data was extracted from only the years 1948 and beyond. Then it was concatenated to the columns of the analysis data file, *combined_data.scv*.

Missing Observations and Total Observations:
- 76(0)

Summary Statistics:
- Mean: 663179.64
- Median: 595014.0
- Standard Deviation: 364997.1909910044
- Minimum: 170434
- Maximum: 1826595

total_pop

Definition:
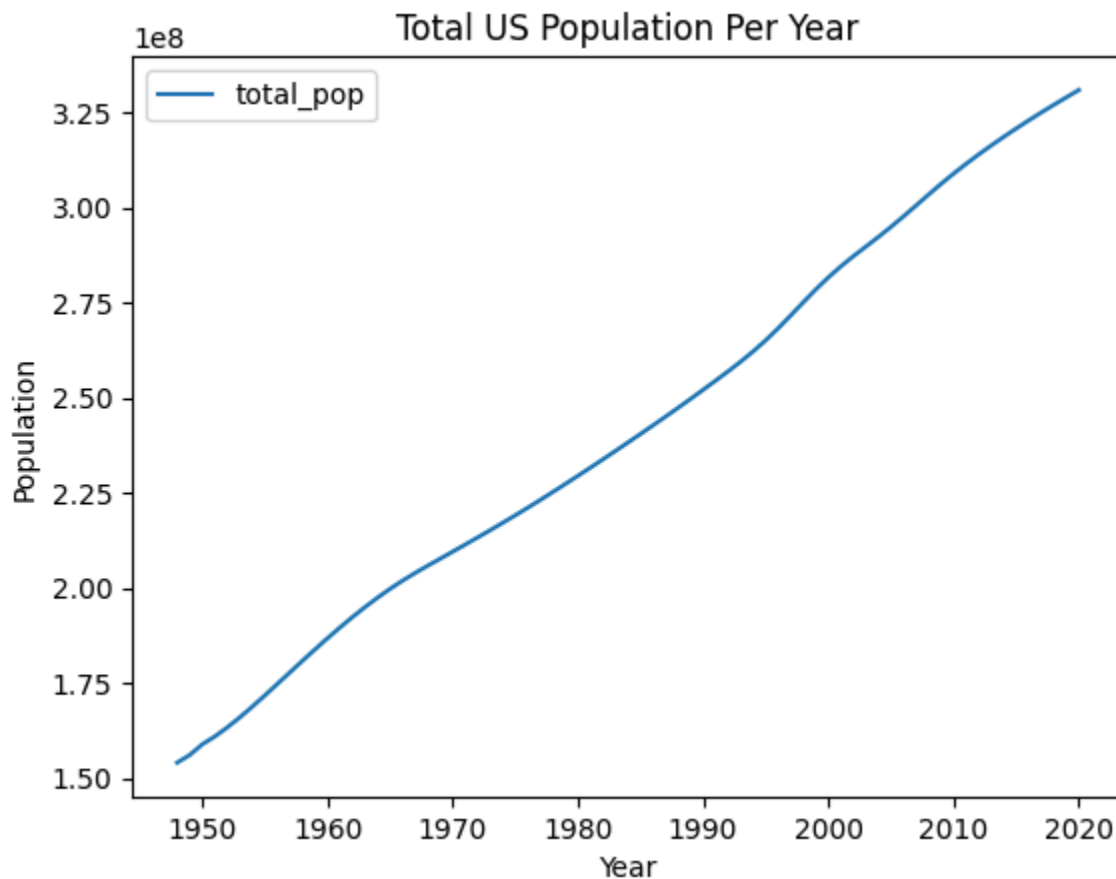- The total U.S population per year.

Construction:
- This variable was constructed from *us_population.csv*, from the variable *total_pop*. The data was extracted from only the years 1948 and beyond, and then concatenated to the columns of the analysis data file, *combined_data.scv*.

Missing Observations and Total Observations:
- 76(0)

Summary Statistics:
- Mean: 242223985.20547944
- Median: nan
- Standard Deviation: 51637596.57919261
- Minimum: 154000000.0
- Maximum: 331002650.0

Migrant_pop_percentage

Definition:

- The percentage of the legal and naturalized immigrants that make up the US population per year.
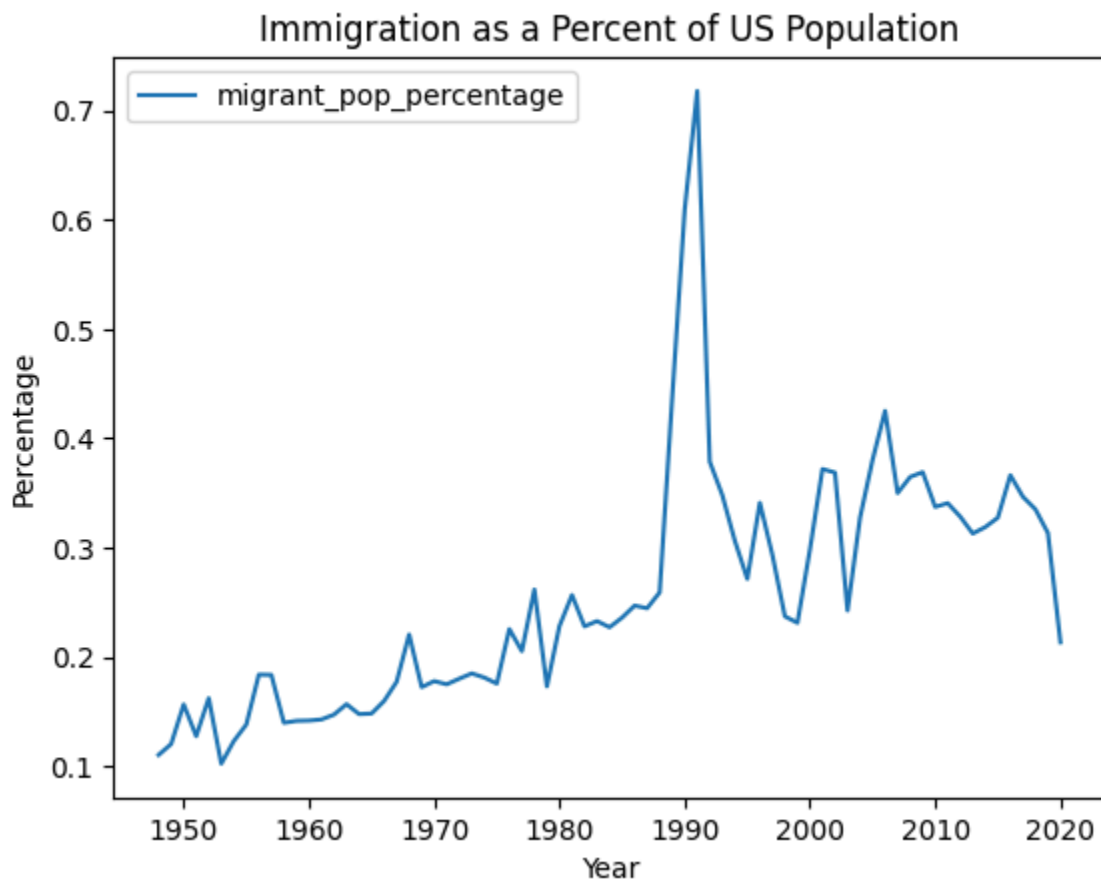
Construction:

- This variable was constructed from dividing the *num_immigrants* column by the *total_pop* column and multiplying by 100 to transform the immigration data into a percentage.

Missing Observations and Total Observations:

- 76(0)

Summary Statistics:

- Mean: 0.255194334450903
- Median: nan
- Standard Deviation: 0.11039644214726346
- Minimum: 0.10272677957928998
- Maximum: 0.7176080462523341

GDP_PC1

Definition:
- The US GDP percent change from a year ago, seasonally adjusted annual rate
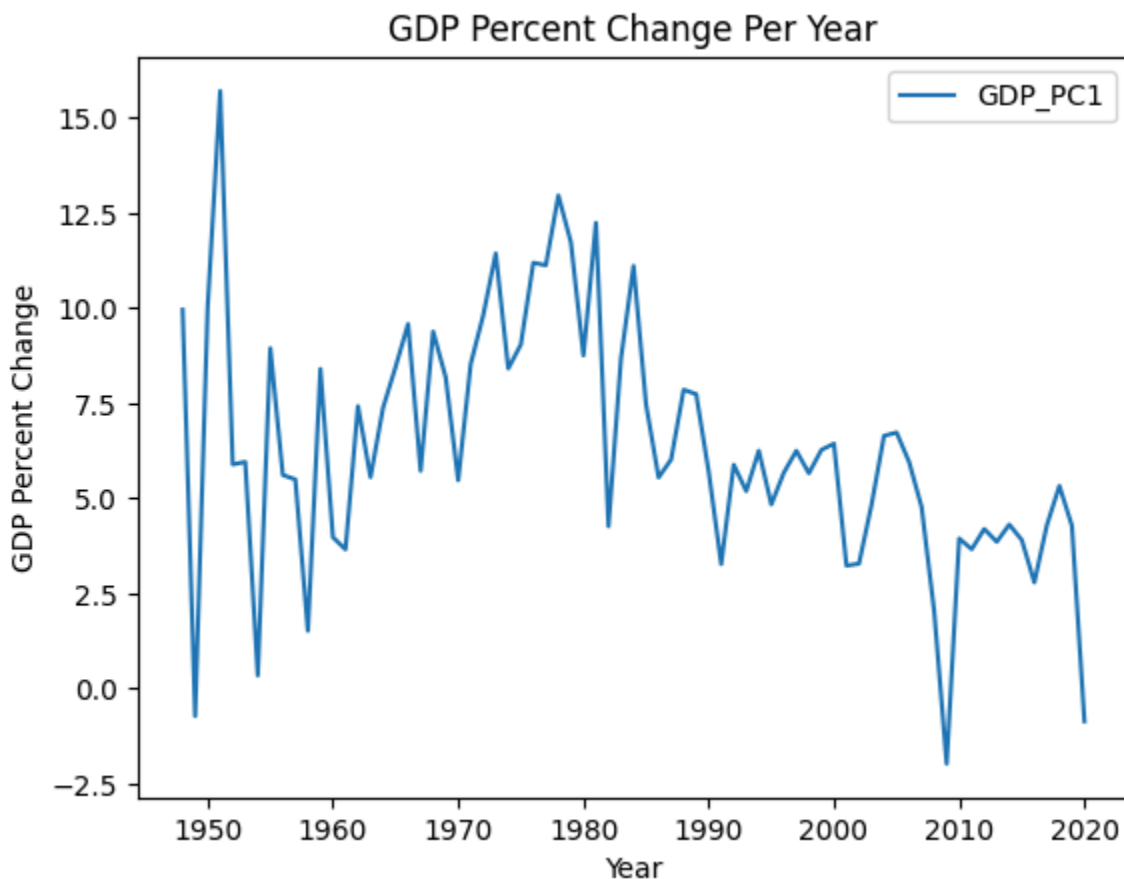
Construction:
- This variable was constructed from *GDP_percent_change.csv*, from the variable *GDP_PC1*. The data was extracted from only the years 1948 and beyond, and then concatenated to the columns of the analysis data file, *combined_data.scv*.

Missing Observations and Total Observations:
- 76(0)

Summary Statistics:
- Mean: 6.440939333333334
- Median: 5.95425
- Standard Deviation: 3.2656419963077536
- Minimum: -1.97561
- Maximum: 15.70438

Unemployment_rate

Definition:
- The US unemployment rate per year.

Construction:
- This variable was constructed from *cleaned_unemployment_data_1890-1988.csv and cleaned_unemployment_data_1990-2022.csv*, from the variable *unemployment_rate*. The data was extracted from both datasets, and made into a singular csv: *cleaned_unemployment_data_1890-2022.csv*, and then extracted from only the years 1958 and beyond, and then concatenated to the columns of the analysis data file, *combined_data.scv*.

Missing Observations and Total Observations:
- 76(0)

Summary Statistics:
- Mean: 5.690666666666668
- Median: 5.5
- Standard Deviation: 1.608906322803026
- Minimum: 2.9
- Maximum: 9.6