

DATA ANALYSIS REPORT

for

**UNEMPLOYMENT
RATES IN EACH
COUNTY AND STATE
OF THE UNITED STATES
FROM 1990-2016**

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Project Description

This analysis was done to ascertain the unemployment rates in each County and State of the United States from 1990-2016.

Source

The dataset was gotten from Kaggle.

<https://www.kaggle.com/datasets/jayrav13/unemployment-by-county-us>

Data Design

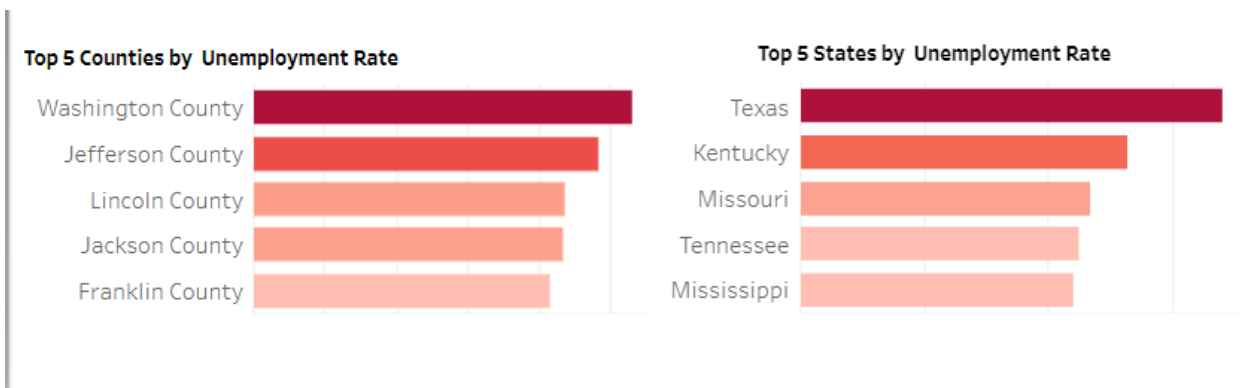
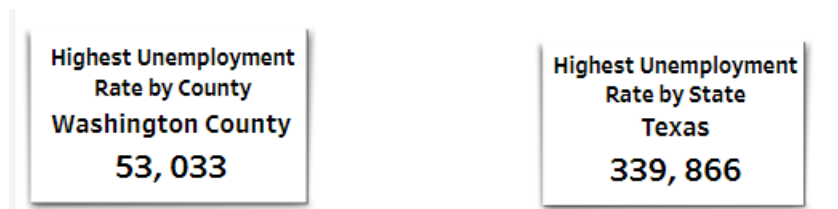
Data Cleaning

The dataset did not need cleaning nor formatting as there were no duplicates nor blanks.

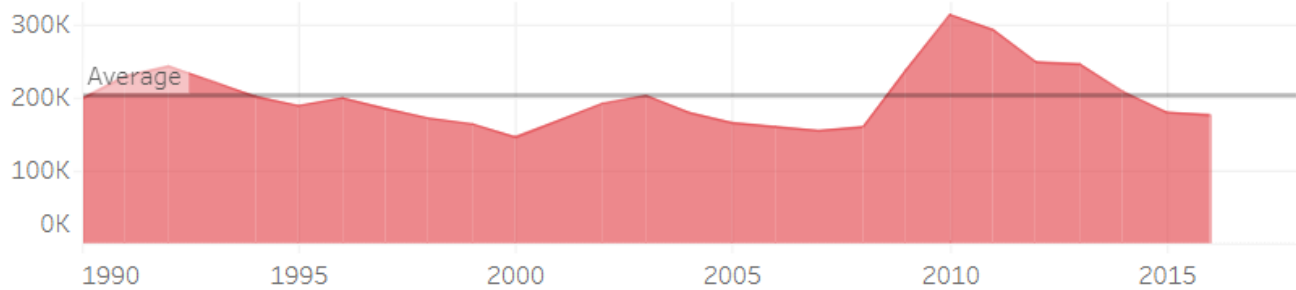
Data Visualization

I used Tableau Public to visualize key indicators that support the project description; top 5 counties with the highest unemployment rates, top 5 states with highest unemployment rates, the US map visualizing unemployment rates by state and a chart visualizing unemployment rate by year and average unemployment rate from 1990-2016 in the United States.

Findings from Data



Total Unemployment Rate Per Year



US UNEMPLOYMENT RATE BY COUNTY AND STATE, 1990-2016

SUMMARY OF ANALYSIS

This analysis was done to ascertain the unemployment rates in each County and State of the United States from 1990-2016.

Through this analysis, I discovered that these 5 States (Texas, Kentucky, Missouri, Tennessee and Mississippi) and these 5 Counties (Washington, Jefferson, Lincoln, Jackson and Franklin County) had the highest unemployment rates amongst others, and I highlighted them.

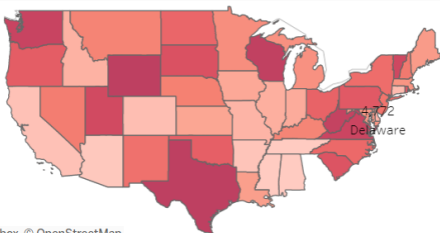
In 26 years (1990-2016), the United States had an Average unemployment rate of 203,875, with Washington County (53,033) and the State of Texas (339,866) had the highest unemployment rates respectively.

NOTE

-To fetch the rates of unemployment in either a State or a County, go to 'Select State' or 'Select County' above and pick a state or county.

-Proceed to get a specific year range, (input a specific year range in the 'Year Range' tab).

-The map below will display the State or County and Unemployment Rates you selected.



Select County

(All)

Select State

(All)

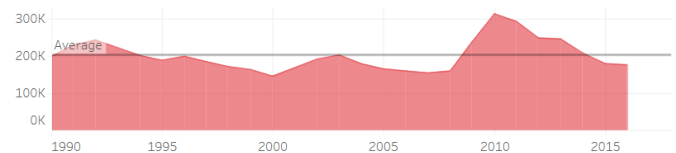
Highest Unemployment
Rate by County
Washington County
53,033

Highest Unemployment
Rate by State
Texas
339,866

Year Range

1990 2016

Total Unemployment Rate Per Year



Top 5 Counties by Unemployment Rate

Washington County
Jefferson County
Lincoln County
Jackson County
Franklin County

Top 5 States by Unemployment Rate

Texas
Kentucky
Missouri
Tennessee
Mississippi

Analysis of the Data

From this analysis, it is discovered that these 5 States (Texas, Kentucky, Missouri, Tennessee and Mississippi) and these 5 Counties (Washington, Jefferson, Lincoln, Jackson and Franklin County) had the highest unemployment rates amongst others, and I highlighted them.

In 26years (1990-2016), the United States had an Average unemployment rate of 203, 875, with Washington County (53, 033) and the State of Texas (339, 866) had the highest unemployment rates respectively.

Conclusion

With a surge in the unemployment rate within the analyzed period, it is recommended that the government invest more and encourage entrepreneurship, digital skill acquisition and other areas that encourage skill development to make citizens engaged and self-employed.

Note

- To fetch the rates of unemployment in a either a State or a County, go to 'Select State' or 'Select County' above and pick a state or county,
- Proceed to get a specific year range, (input a specific year range in the 'Year Range' tab),
- The map below will display the State or County and Unemployment Rates you selected.