

# **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

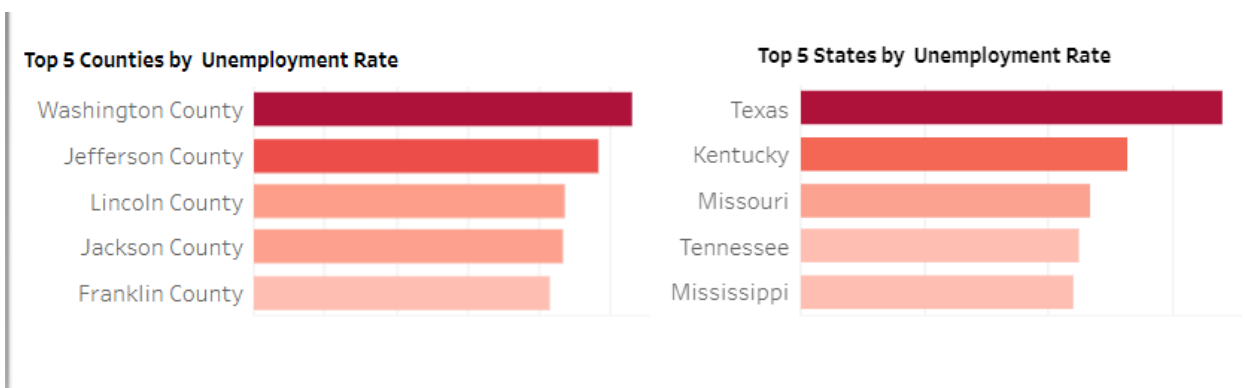
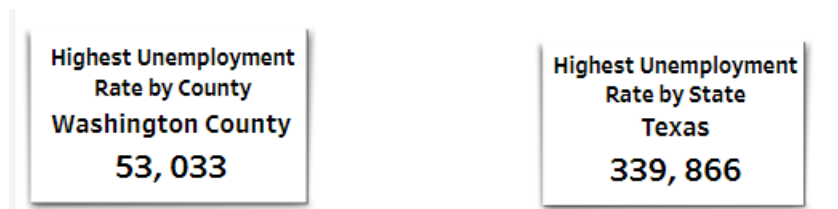
### Data Cleaning

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

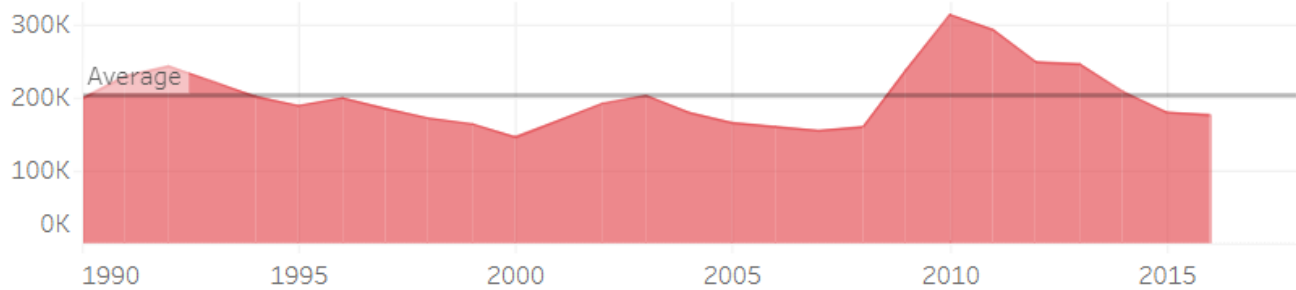
### Data Visualization

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.

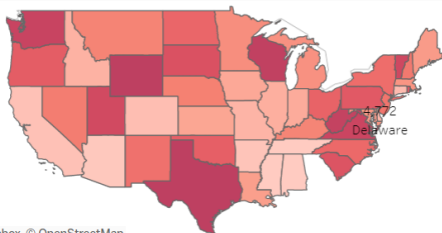
In 26 years (1990-2016), the United States had an Average unemployment rate of 203,875, with Washington County (53,033) and the State of Texas (339,866) had the highest unemployment rates respectively.

### NOTE

-To fetch the rates of unemployment in 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.



Select County

(All)

Select State

(All)

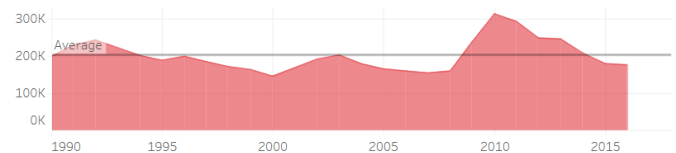
Highest Unemployment  
Rate by County  
Washington County  
53,033

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.

Here is the link to the visualization: <https://tabsoft.co/3v8nIzm>

## Note

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