

US Census Demographic Data

This data comes from a Kaggle dataset, it includes the census data for all counties in 2015.

For this project, I am using the data file acs2015countydata.csv, which provides data for each US county

US Demographic data

link here: <https://www.kaggle.com/muonneutrino/us-census-demographic-data/data>

1. Which states have the best transportation?

https://public.tableau.com/app/profile/alina.labatsevich/viz/BestavgUsstates/Avg_transpotation?publish=yes

I used this visualization to find the average of the best transportation by state! it shows sums from largest to smallest. Therefore, the state with the best transportation is New Jersey, and the lowest is Kansas.

Design: highlight tables- are text tables enhanced through the use of color to show high and low values. We can use different colors on the measure value for each data point labeled.

Resources : Data Visualizations (Masterschool) – Udacity

Visual Vocabulary (tableau.com)

2. How does income and poverty look across America?

Do counties with more construction experience more or less poverty? Do counties near the coast experience more or less income?

In this visualization, we can see some insights about the income in the US states. I am focusing on the top 10 states with the highest unemployment values: (Texas, Georgia, Puerto Rico, Kentucky, North Carolina, Mississippi, Virginia, Tennessee, Missouri, Michigan)

<https://public.tableau.com/app/profile/alina.labatsevich/viz/IncomeInsightsfortheUSstates/Insights?publish=yes>

I gave several different data analyzes, which I then combined in one table. I first compared income and poverty, then income and population. combined it all into a table of the 10 states with the highest income.

<https://public.tableau.com/app/profile/alina.labatsevich/viz/IncomeInsightsfortheUSstates/Insights?publish=yes>

Design : Treemaps(I used it to visualize very large data sets, with hundreds or thousands of items), bars

Resources : Data Visualizations (Masterschool) - Udacity

Visual Vocabulary (tableau.com)

3. Ethnicities in the US

In this visualization, we can see all the ethnicities. We can see is that the more evenly distributed ethnicities are the White & Asian populations.

<https://public.tableau.com/app/profile/alina.labatsevich/viz/DemographyStateSumofnation/demography?publish=yes>

to show data analysis for demographics, it was convenient for me to use such columns as: sum of different ethnic groups, and rows: states and country

Design : Bars -show a comparison of different values in subcategories, that's why I prefer to use it.

Resources : [Data Visualizations \(Masterschool\) - Udacity](#)

[Visual Vocabulary \(tableau.com\)](#)