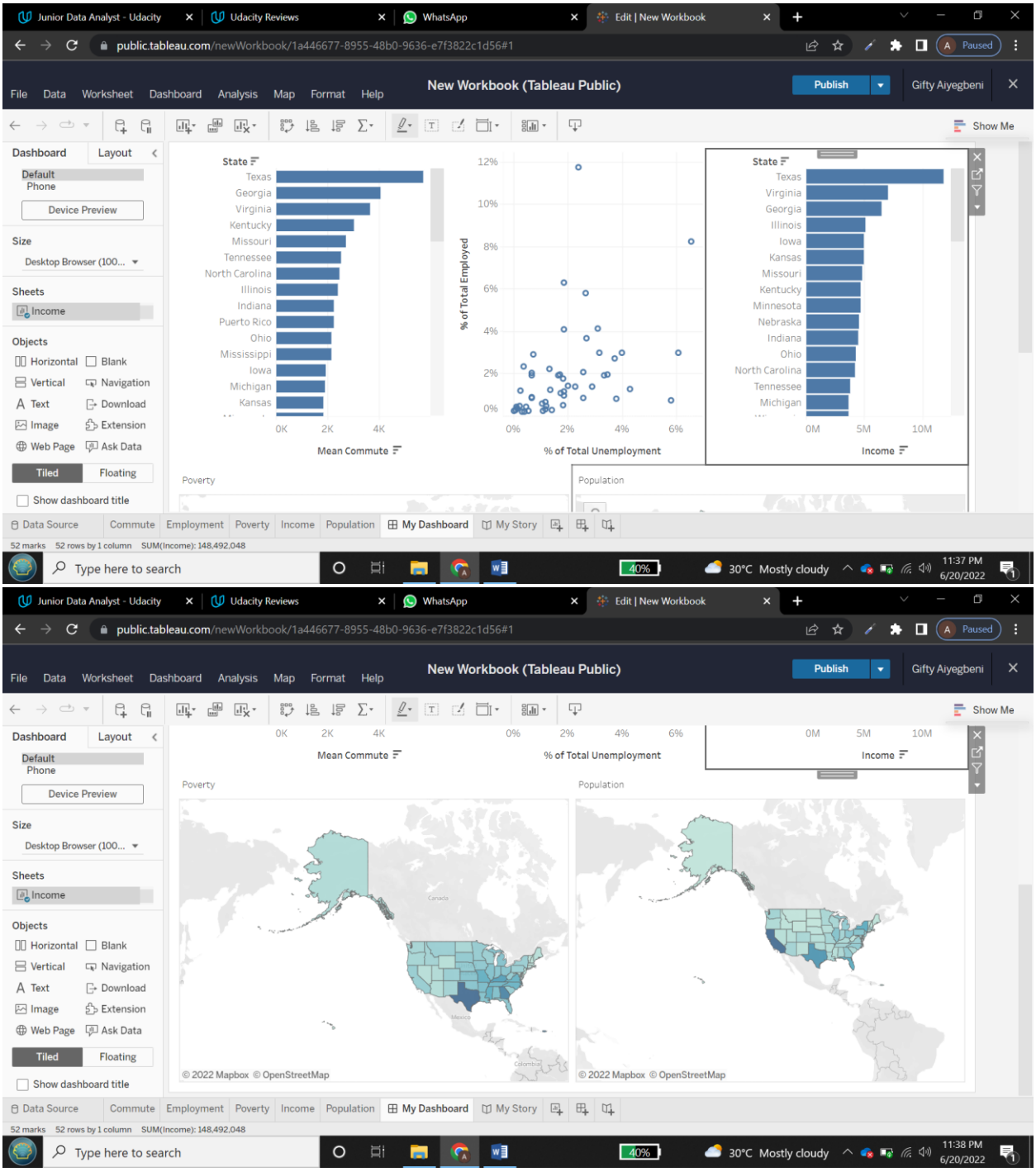
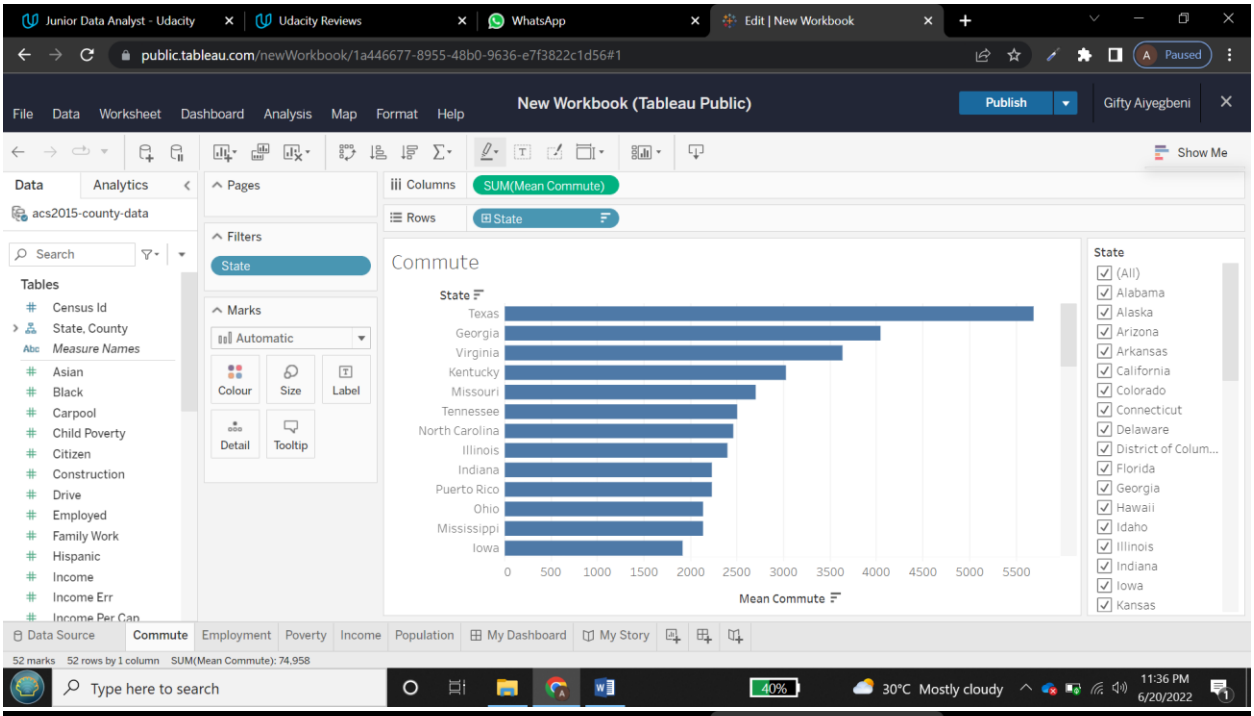
- A screenshot of my dashboard



- My visuals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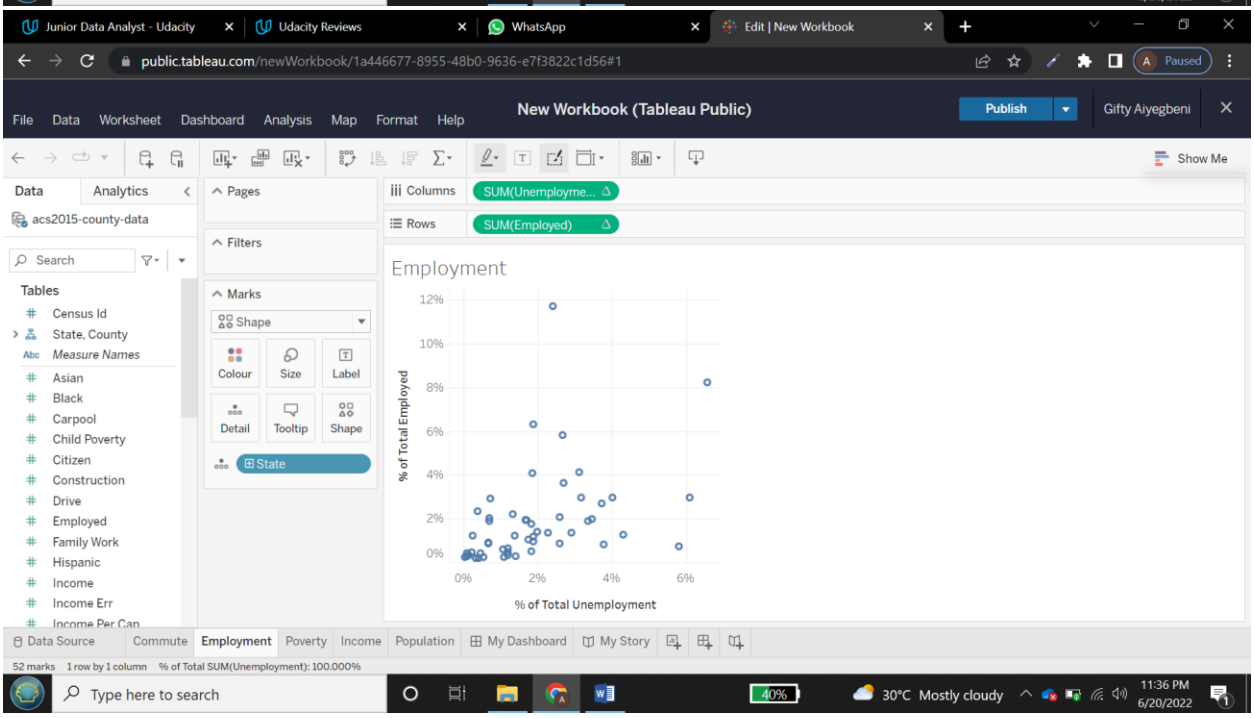
Gifty Aiyegbeni
Show Me
Data Analytics
acs2015-county-data
Search
Tables
Census Id
State, County
Measure Names
Asian
Black
Carpool
Child Poverty
Citizen
Construction
Drive
Employed
Family Work
Hispanic
Income
Income Err
Pages
Filters
State
Marks
Automatic
Colour
Size
Label
Detail
Tooltip
Columns
SUM(Mean Commute)
Rows
State
Commute
State
Texas
Georgia
Virginia
Kentucky
Missouri
Tennessee
North Carolina
Illinois
Indiana
Puerto Rico
Ohio
Mississippi
Iowa
0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500
Mean Commute
State
(All)
Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
District of Colum...
Florida
Georgia
Hawaii
Idaho
Illinois
Indiana
Iowa
Kansas
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
52 marks
52 rows by 1 column
SUM(Mean Commute): 74,958
Type here to search
40%
30°C Mostly cloudy
11:36 PM
6/20/2022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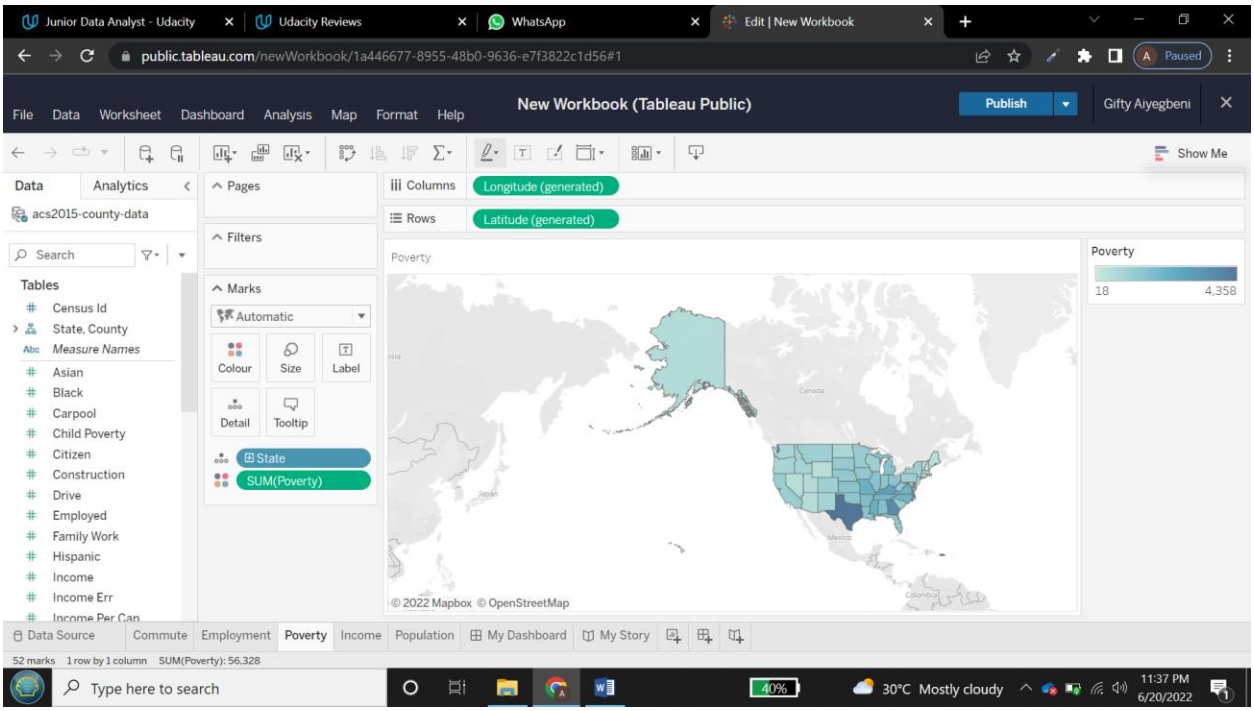
Family Work
Hispanic
Income
Income Err
Pages
Filters
Marks
Shape
Colour
Size
Label
Detail
Tooltip
Shape
State
Columns
SUM(Unemployme...
Rows
SUM(Employed)
Employment
12%
10%
8%
6%
4%
2%
0%
% of Total Employed
0% 2% 4% 6%
% of Total Unemployment
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
52 marks
1 row by 1 column
% of Total SUM(Unemployment): 100.000%
Type here to search
40%
30°C Mostly cloudy
11:36 PM
6/20/2022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Tables
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State, County
Measure Names
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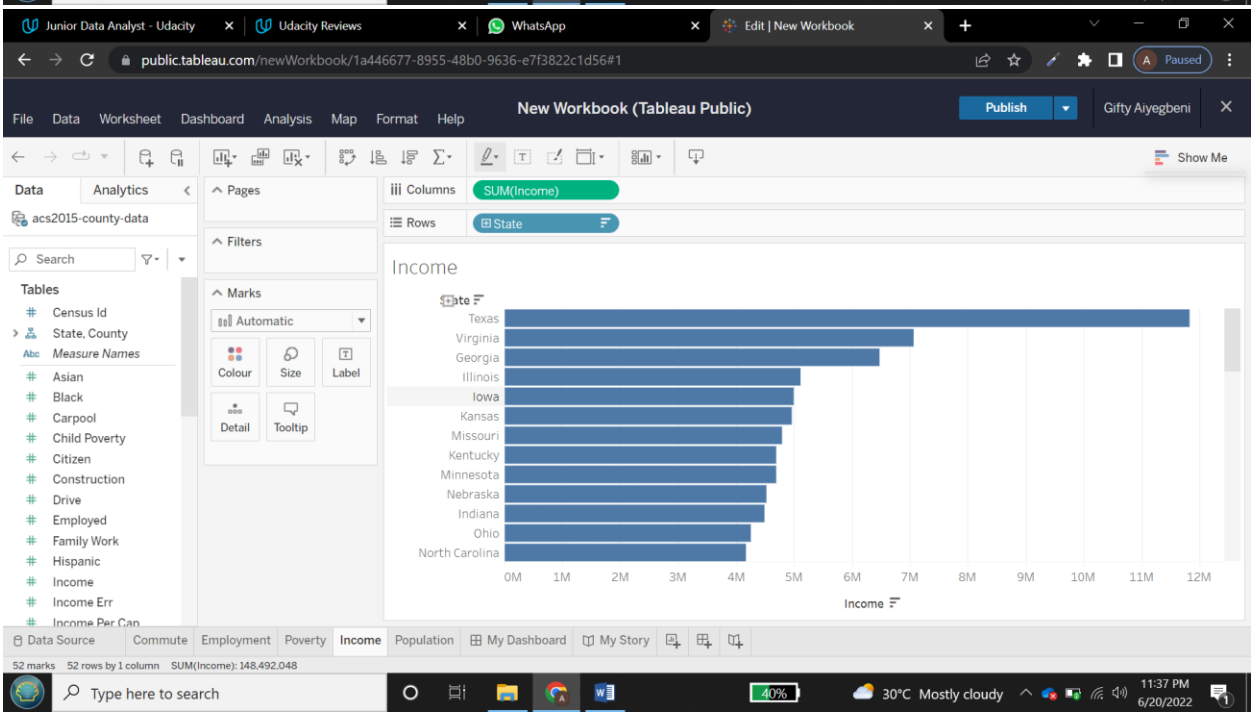
Citizen
Construction
Drive
Employed
Family Work
Hispanic
Income
Income Err
Income Per Cap
Pages
Filters
Marks
Automatic
Colour
Size
Label
Detail
Tooltip
State
SUM(Poverty)
Columns
Longitude (generated)
Rows
Latitude (generated)
Poverty
Poverty
18
4,358
© 2022 Mapbox © OpenStreetMap
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
52 marks
1 row by 1 column
SUM(Poverty): 56,328
Type here to search
40%
30°C Mostly cloudy
11:37 PM
6/20/2022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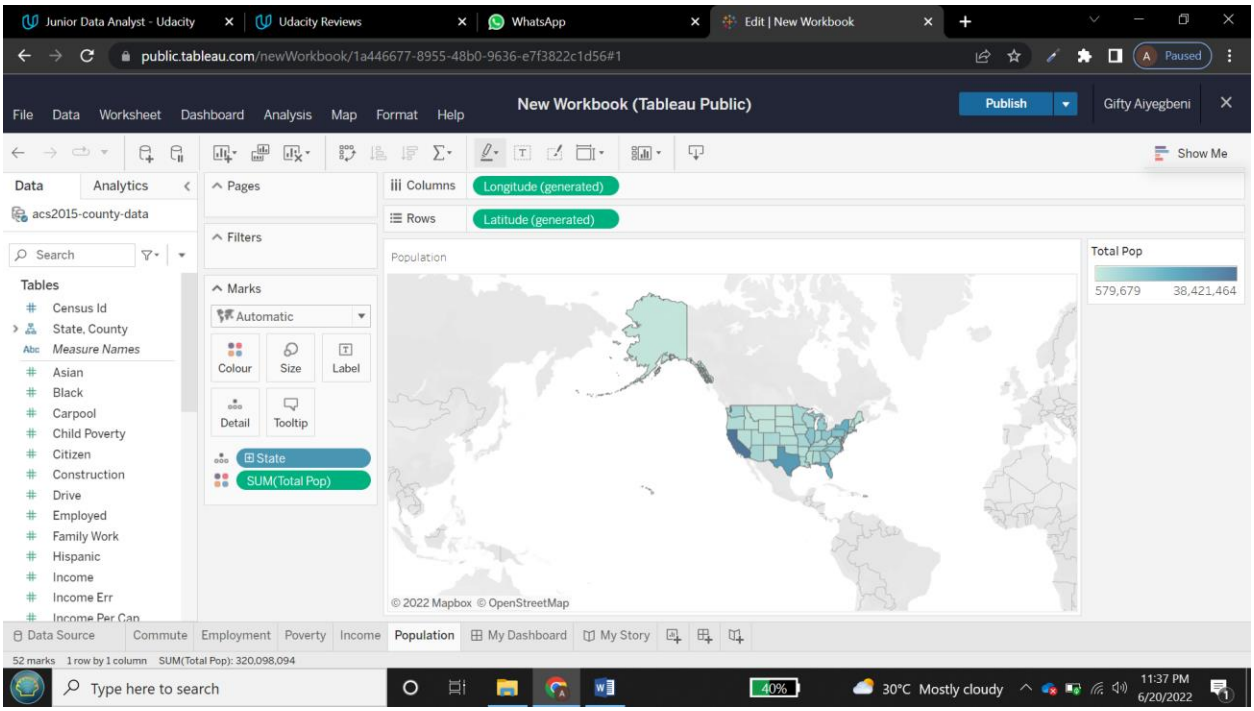
Hispanic
Income
Income Err
Income Per Cap
Pages
Filters
Marks
Automatic
Colour
Size
Label
Detail
Tooltip
Columns
SUM(Income)
Rows
State
Income
Texas
Virginia
Georgia
Illinois
Iowa
Kansas
Missouri
Kentucky
Minnesota
Nebraska
Indiana
Ohio
North Carolina
0M 1M 2M 3M 4M 5M 6M 7M 8M 9M 10M 11M 12M
Income
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
52 marks
52 rows by 1 column
SUM(Income): 148,492,048
Type here to search
40%
30°C Mostly cloudy
11:37 PM
6/20/2022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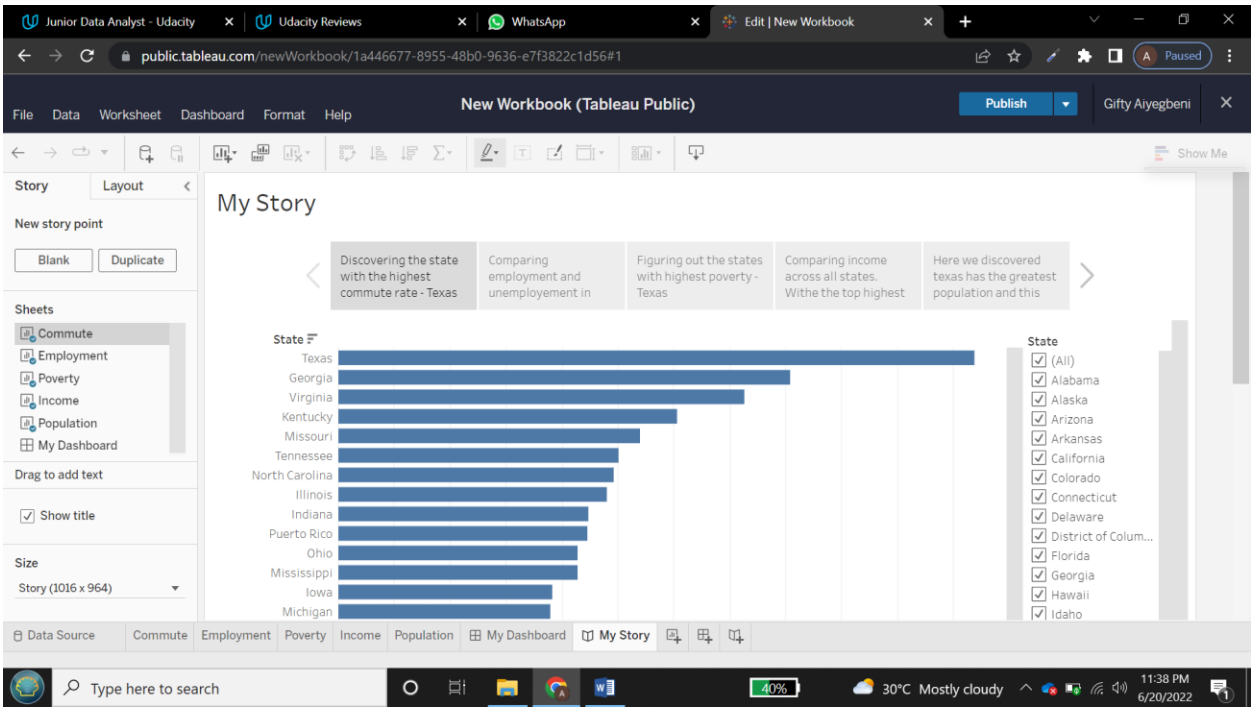
Hispanic
Income
Income Err
Pages
Filters
Marks
Automatic
Colour
Size
Label
Detail
Tooltip
State
SUM(Total Pop)
Columns
Longitude (generated)
Rows
Latitude (generated)
Population
Total Pop
579,679
38,421,464
© 2022 Mapbox © OpenStreetMap
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
52 marks
1 row by 1 column
SUM(Total Pop): 320,098,094
Type here to search
40%
30°C Mostly cloudy
11:37 PM
6/20/2022

- My Story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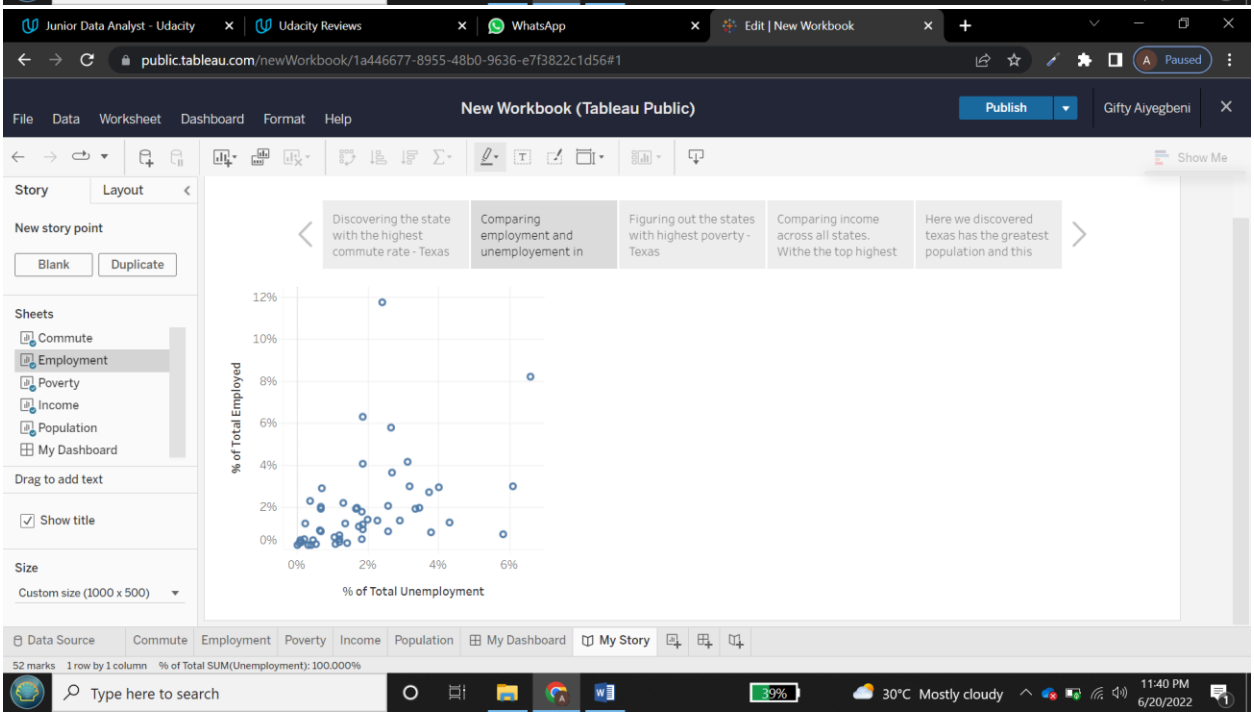
Gifty Aiyegbeni
Story Layout
New story point
Blank Duplicate
Sheets
Commute
Employment
Poverty
Income
Population
My Dashboard
Drag to add text
Show title
Size
Story (1016 x 964)
My Story
Discovering the state with the highest commute rate - Texas
Comparing employment and unemployement in
Figuring out the states with highest poverty - Texas
Comparing income across all states. Withe the top highest
Here we discovered texas has the greatest population and this
State
Texas
Georgia
Virginia
Kentucky
Missouri
Tennessee
North Carolina
Illinois
Indiana
Puerto Rico
Ohio
Mississippi
Iowa
Michigan
State
(All)
Alabama
Alaska
Arizona
Arkansas
California
Colorado
Connecticut
Delaware
District of Colum...
Florida
Georgia
Hawaii
Idaho
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
Type here to search
40%
30°C Mostly cloudy
11:38 PM
6/20/2022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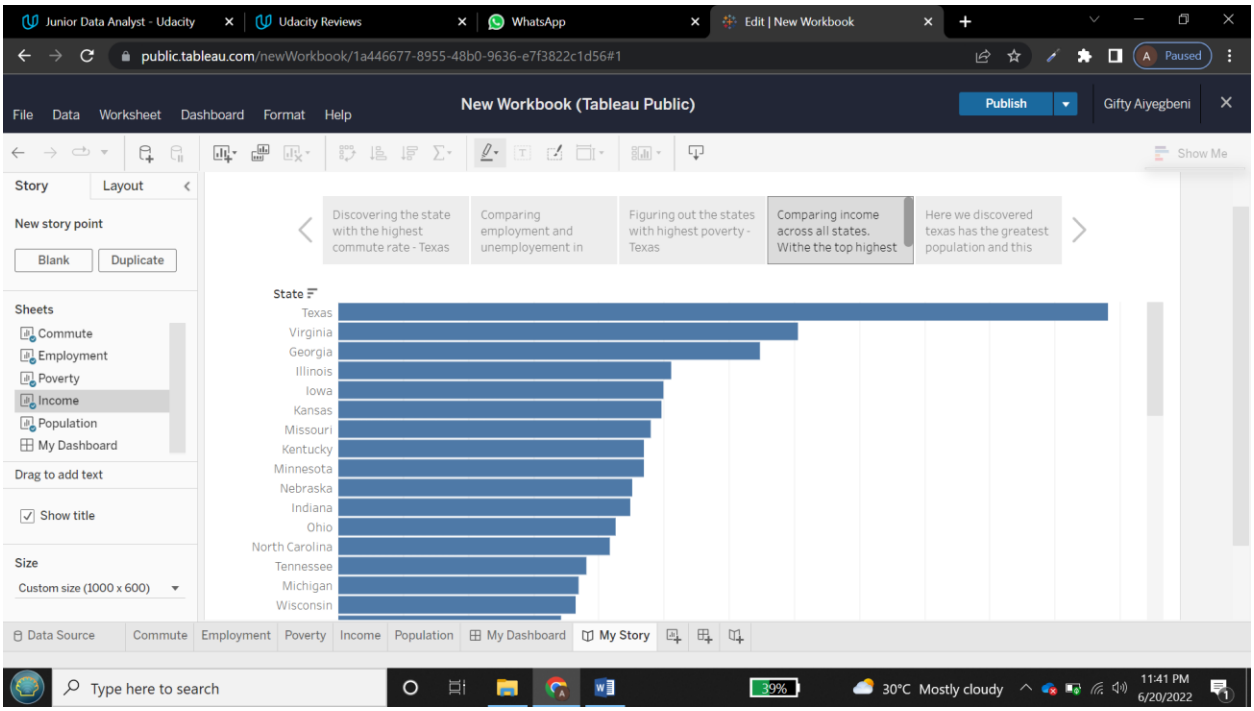
Publish
Gifty Aiyegbeni
Story Layout
New story point
Blank Duplicate
Sheets
Commute
Employment
Poverty
Income
Population
My Dashboard
Drag to add text
Show title
Size
Custom size (1000 x 500)
Discovering the state with the highest commute rate - Texas
Comparing employment and unemployement in
Figuring out the states with highest poverty - Texas
Comparing income across all states. Withe the top highest
Here we discovered texas has the greatest population and this
12%
10%
8%
6%
4%
2%
0%
% of Total Employed
0%
2%
4%
6%
% of Total Unemployment
Data Source
Commute
Employment
Poverty
Income
Population
My Dashboard
My Story
52 marks 1 row by 1 column % of Total SUM(Unemployment): 100.000%
Type here to search
39%
30°C Mostly cloudy
11:40 PM
6/20/2022



- The main story of my visual was to answer discover the reason for high commute rate in the highest commuting state. Firstly, I began by finding the state with the highest commute rate. And Texas was the state with the highest commute rate. Then I checked to see if it was due to high number of employed people as people would have to go to work often. The number of employed people turned out as the highest as well. Furthermore, I checked to see if employment and commute rate has an effect on the poverty level and figured it doesn't as Texas also turned out to have the highest percentage of poverty overall. I also checked income and California topped the list this time followed by Texas. Then I checked for unemployment and employment percentage to figure out a relationship. But Texas also has the highest unemployment rate. Then I thought to myself that Texas could be showing up as the highest country in all of these things as a result of population. So I did a visualization to check the state with the highest population and it turned out to be California and Texas respectively. This proves that the high population contributes to overall income, poverty, unemployment, employment and commute. This is why Texas topped all the list in the visualizations.
- For my visualizations, I picked bar charts to perfectly see the hierarchy of states for each of the property I evaluated. I chose a scatter plot to see the relationship between unemployment and employment for each of the states. Then I used maps to effectively display the states with respect to poverty rate.
- I made use of no resource for this project.