Insights for Data Composition Assignment-3

A pie chart with numbers and a number of people

Description automatically generated A blue and orange pie chart

Description automatically generated

After analyzing the above Donut graph for poverty by gender, we can clearly state that the percentage of males and females in poverty remains relatively stable between 2020 and 2021, with a slight increase in the percentage of females in poverty. And moreover, females consistently represent a slightly higher proportion of the population in poverty compared to males in both years.

A pie chart with different colored circles

Description automatically generated

From the above pie chart, we can clearly see that the largest age group in poverty is aged between 18 and 64 years, accounting for approximately 61% of the total population in poverty in 2020. Whereas, the under-18-year-old group constitutes about 22.5%, and 65 years and older represent about 16.5%.

A pie chart with numbers and a few percentages

Description automatically generated

After having a look at the pie chart for the year 2021, which is almost similar to the previous year, we can state that there are no drastic changes in any of the categories.

A chart of a pink and yellow rectangle

Description automatically generated

Based on 2020 statistics, we see a noticeable difference in poverty rates between full-time and part-time workers in the US. There are significantly more full-time workers experiencing poverty.

A yellow and purple squares

Description automatically generated

Based on 2021 data in the above fig, we see the numbers are only increasing in terms of poverty for full-time employees which indicates that we need to focus on giving more wages and more facilities for full-time workers.

A screenshot of a computer

Description automatically generated

Based on the above Horizontal Bar chart for the year 2020, we can come to a conclusion that native-born individuals are more in poverty compared to foreign-born Individuals.

A green rectangle with numbers

Description automatically generated

Based on 2021 data in the above chart, we see there is a huge difference in numbers and native-born are more in poverty compared to foreign-born. We can take more measures to increase the education and medical facilities in foreign-born to eliminate poverty gradually.