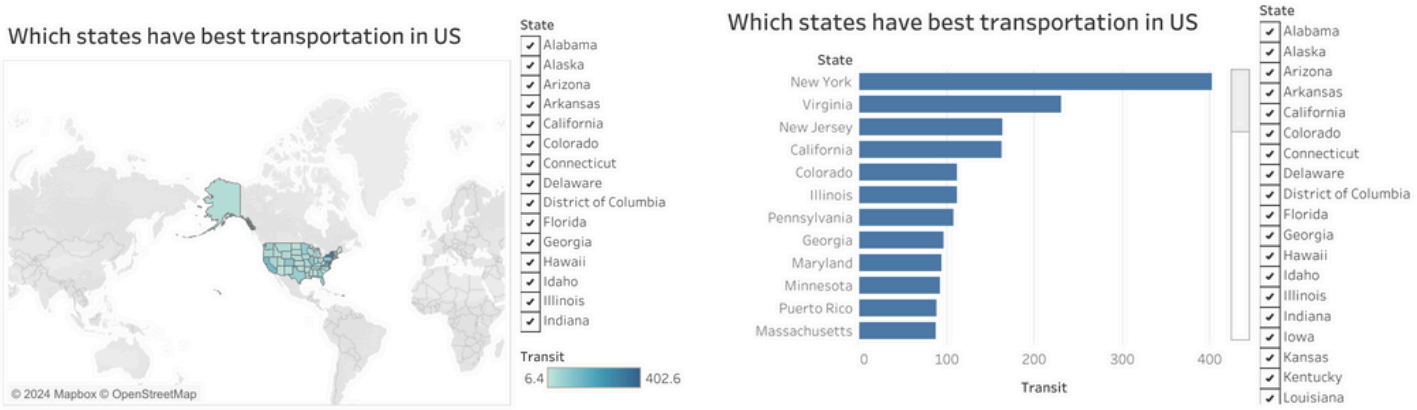
1st viz: Which states have best transportation in US

Dashboard:



Link:
https://public.tableau.com/views/WhichstateshavebesttransportationinUS/Dashboard2?:language =en-US&:sid=&:display_count=n&:origin=viz_share_link

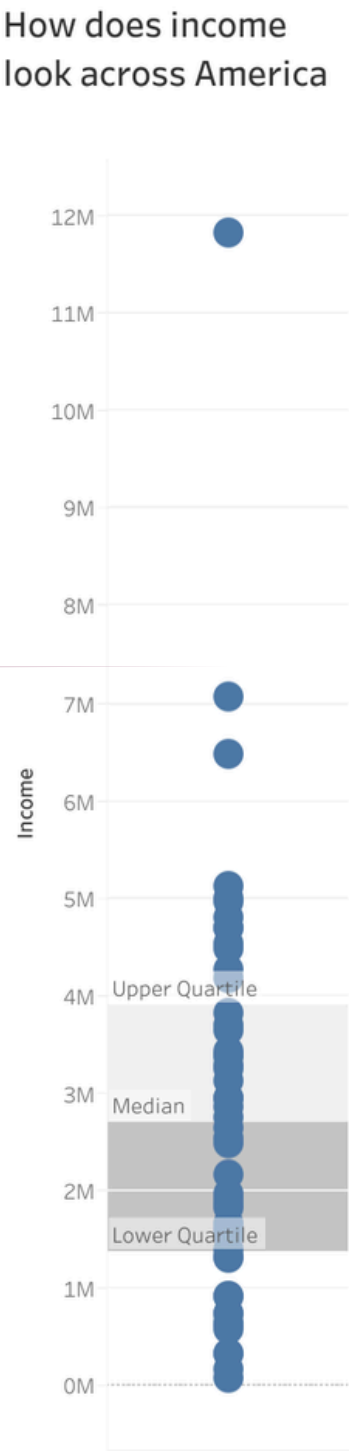
Summary (insight):
Integrated analysis of **both the symbol map and histogram plot** underscores New York's standout position, followed closely by Virginia, New Jersey, California, and Colorado. These states exhibit superior transportation metrics, **indicative of well-developed** infrastructure and efficient services, positioning them as leaders in the US transportation landscape.

Design Choice:
The symbol map uses **5 stepped colors** for clarity to highlight New York's preeminent position, with Virginia, New Jersey, California, and Colorado closely following suit in other states.

2st viz: How does income look acroos America?

Link:
https://public.tableau.com/views/HowdoesincomelookacrossAmerica_17152956875790/Sheet2?:lan guage=en-US&:sid=&:display_count=n&:origin=viz_share_link

Dashboard:

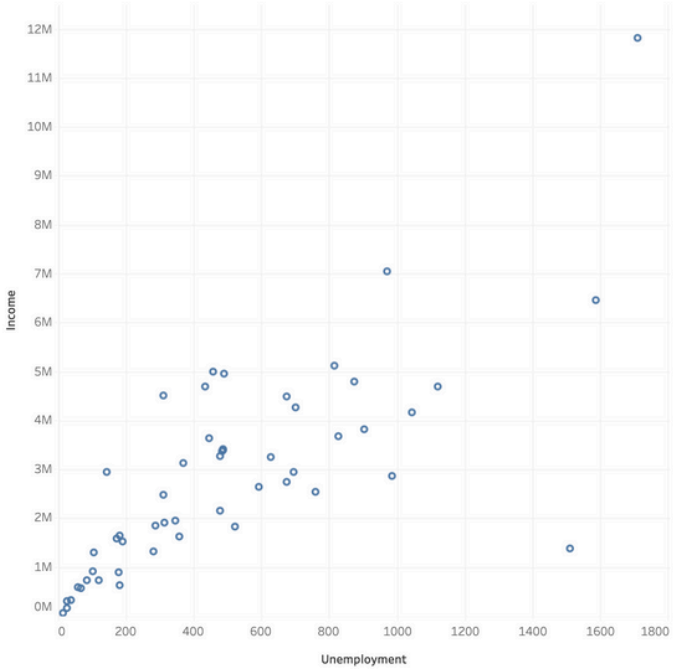


Summary (insight):
The box-and-whisker plot provides a comprehensive **view of income distribution across the US.** With an upper quartile value of 3,906,577.25, signifying the 75th percentile, **numerous states exhibit incomes surpassing the average.** A median income of 2,698,670 serves as a pivotal point, representing the middle value of the distribution. Conversely, the lower quartile, at 1,379,853.25, indicates the 25th percentile, highlighting states with relatively lower income levels. Texas notably stands out with an income value of 11,826,682, marked as very high, **showcasing robust economic activity and wealth generation within the state.** These insights offer a **nuanced understanding of income** disparities in diverse regions of the United States.

Design Choice:
Utilizing keep circles more big sizes in the box-and-whisker plot, Texas's income of 11,826,682 is distinctly highlighted as very high, Additionally, Virginia and Georgia, positioned after New York, **clearly signify incomes surpassing the upper quartile.**

3st viz: Exploring the Relationship Between Income and Unemployment in Across States

Dashboard:



Link:
https://public.tableau.com/views/ExploringtheRelationshipBetweenIncomeandUnemploymentinAcrossS tates/Sheet4?:language=en-US&:sid=&:display_count=n&:origin=viz_share_link

Summary (insight):
By examining the side-by-side circle chart, insights into the **relationship between income and unemployment across states** can be gained, aiding in understanding regional economic dynamics and disparities.

Design Choice:
The side-by-side circle chart design **offers a balance of clarity, simplicity, and visual impact,** making it an effective choice for visualizing the relationship between income and unemployment across states.