

## Summary:

Zixuan is visualization compares the number of hours the average person works in different countries around the world. The purpose of the visualization is to see the impact of how long workdays impact the individual and country as a whole. The first graph shows the number of working hours compared to the GDP per capita of a country. This graph is meant to explore if longer work hours mean a higher GDP (more output) or if a higher GDP allows citizens to work less. The second visualization explores how people in various countries spend their time breaking out into multiple categories. This graph is sorted by most working hours to least to highlight where time is lost for additional work times.

## Critiques:

For the first plot having the aesthetics the same as the axes are rather confusing/redundant. Personally, I think an interesting choice for the aesthetics could be color for the continent (since it was mentioned trends in Asia were an inspiration for this project) or size for the population of a country. These choices would add a lot more information to the plot and allow for additional conclusions. For the barplot, I was confused about how different countries have different total times. If the x-axis is minutes in the day, should they not all be 1440? Additionally, the choice to have stacked bar charts makes comparisons slightly difficult for the categories that don't start at the y-axis. An alternative would be to facet the 4 categories and either maintain the sorting or sort each highest to lowest to see if shorter hours lead to the most leisure time.