

MIS 573 Homework 1 – Hari Vengadesh

6. Answer:

- Japan demonstrates consistence in tourism outbound over the years.
- Australia demonstrates steady growth in tourism outbound over the years.

7. Answer:

Analysis of the "Power of Passports" Visualization:

<https://public.tableau.com/app/profile/myles.stevenson/viz/ThePowerofPassports/ThePowerofPassports>

Yes, I believe this visualization is quite effective for the reasons listed below.

- **Interactive Elements:** The inclusion of interactive features like selecting the country of the passport and the destination allows me to engage with the visualization actively, making it more informative and user-friendly.
- **Clear Information Display:** The visualization clearly displays the ranking of passports by the number of countries they can visit visa-free. This makes it easy for me to understand the power of different passports immediately.
- **Visual Appeal:** The map is visually appealing and helps me quickly identify the countries I can visit based on the selected passport. The use of lines connecting the origin to various destinations is intuitive and easy to follow.

While the visualization is effective, there are a few improvements that could enhance it further.

- **Data Details:** Providing more details about the data, such as the source, the criteria used for ranking, and the year of the data, would add credibility and context.
- **Color Coding:** Using color coding to differentiate between regions or continents could help me quickly identify areas with a higher concentration of visa-free destinations.
- **Accessibility:** Ensuring that the visualization is accessible to colorblind users by choosing color schemes that are distinguishable for all users would improve inclusivity.

Things I would have done differently are.

- **Additional Metrics:** Including additional metrics such as the number of countries requiring e-visas or visas on arrival could provide a more comprehensive view of passport power.
- **Historical Comparison:** Adding a historical comparison feature to show how the power of a passport has changed over the years would provide deeper insights into trends and changes in global mobility.
- **Mobile Optimization:** Ensuring the visualization is optimized for mobile devices would enhance accessibility for users on different platforms.

Overall, I find this visualization to be a strong example of how interactive elements and clear information display can create an engaging and informative user experience. The suggested improvements could make it even more effective and user-friendly.