

TABLEAU STORY

By: Naseer Faheem

SUMMARY

For this project I am going to visualize the UNHCR's asylum dataset. This Tableau story is going to explore where did most asylum seekers come from and which country accepted most of the asylum seekers in any given year. The story also sheds light into which countries rejected most asylum seekers and which country's asylum seekers received most of the UN's assistance?

DESIGN

I got the dataset from UNHCR's website on asylum seekers. I used python to clean the dataset and details of my data wrangling efforts are noted in the accompanying Jupyter Notebook.

In my Tableau story I start with using simple bar charts to show top country of origin and top country of residence / asylum. Every bar chart is followed by a dotted map where the size of the dot represents the size of the asylum seekers in each case. The main reason I chose dotted map was to show the difference at quick glance. I also chose to use line graphs and line over bar charts to show the difference between approved and rejected asylum seekers. Finally, I planned to finish the story by showing two charts with circles showing the average of approved asylum seekers and assistance provided by the UN colored from light to dark blue. However, After the receiving some feedbacks, I decided to end the story with three maps where each will show countries that reject asylum seekers in shades of orange color, countries that approve asylum seekers in shades of blue and countries with more pending applications in shades of brown.

The choice of color throughout the Tableau story keeps color blind people in mind. I avoided using red and green on the same graph. I tried to use light shaded colors so its not too harsh on the audiences' eyes.

FEEDBACK

Here is the link to the first story that I shared with my fiancé to give me feedback:

Story_v1

<https://public.tableau.com/profile/naseer.faheem#!/vizhome/UNHCRAsylumData/Story1?publish=yes>

She provided me the following feedbacks:

1. The captions needed to be a little more descriptive.
2. Bars in countries origin and countries of asylum should include total applied, total approved, total rejected and total pending in the details when you hover the mouse over each country's bars.

3. Countries or Origin on a Map: Leave the map only to show total number of applied asylum seekers.
4. Countries that received most asylees: leave just the map and remove bar chart.
5. Average approval, rejection, and pending: Remove this slide because this does not add any extra information to the story.
6. The slide (Summary Statistics of total applications, pending decision, rejection and total decision) should have totals instead of average. Also, the lines should represent total pending, total approved and total rejected.
7. Assistance provided by the UNHCR for rejected asylum seekers: Change average to total to be similar to the previous slide:
8. Add two more slides at the end to show the country of origin by year on a colored map and country of asylum on a map.
9. Change the filter labels (YEAR of Year) to Year.

This feedback was very constructive and made more sense, so I implemented all the above feedbacks in my Tableau story and here is the final visualization's link:

Story_final:

https://public.tableau.com/profile/naseer.faheem#!/vizhome/Asylum_seekers_over_years/Asylum_Seekers_Over_Years?publish=yes

RESOURCES

I mainly used the UNHCR's population statistics to know more about world's population and their displacement. Here are a couple of resources that I used in this project:

- a. http://popstats.unhcr.org/en/asylum_seekers
- b. https://onlinehelp.tableau.com/current/pro/desktop/en-us/publish_workbooks_tableaupublic.html
- c. https://onlinehelp.tableau.com/current/pro/desktop/en-us/story_create.html