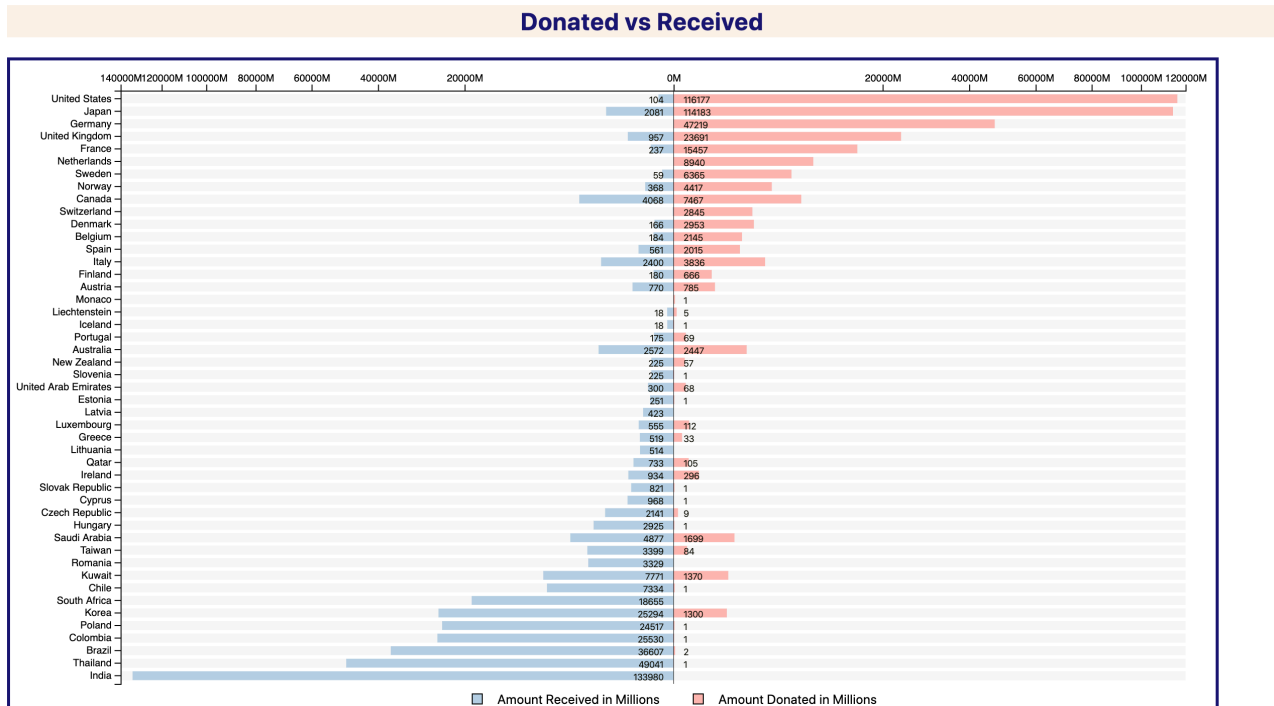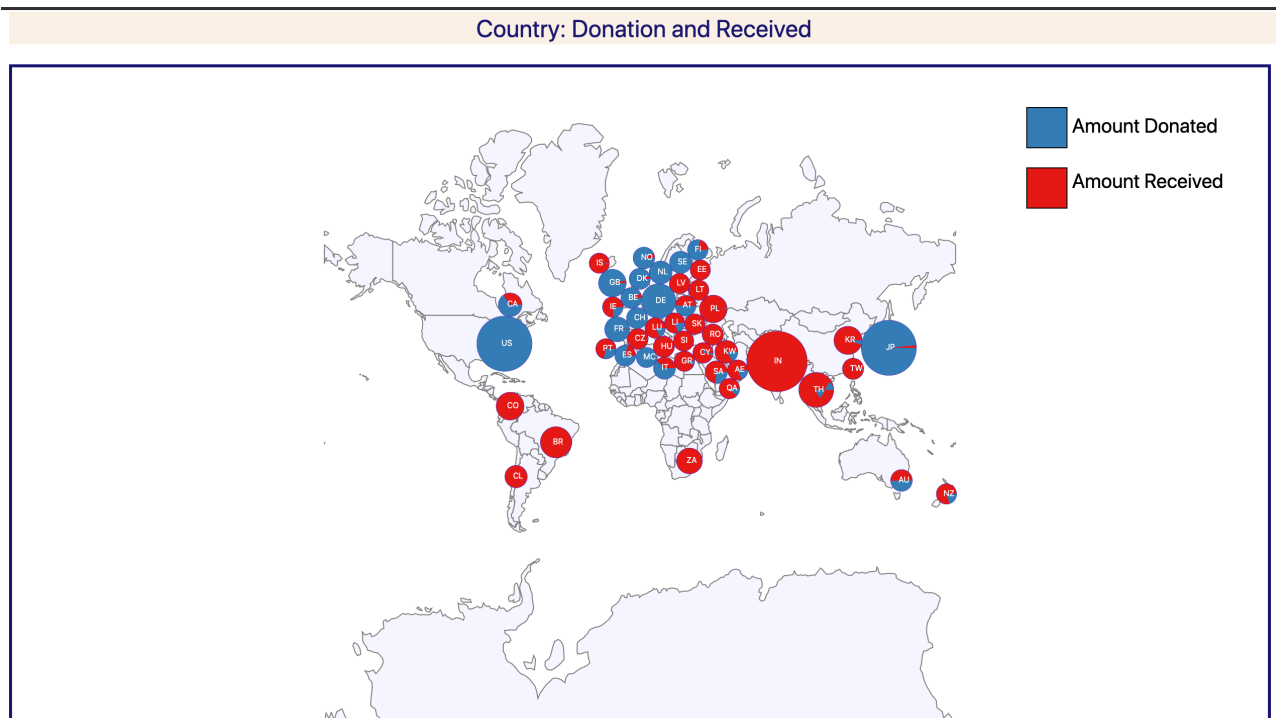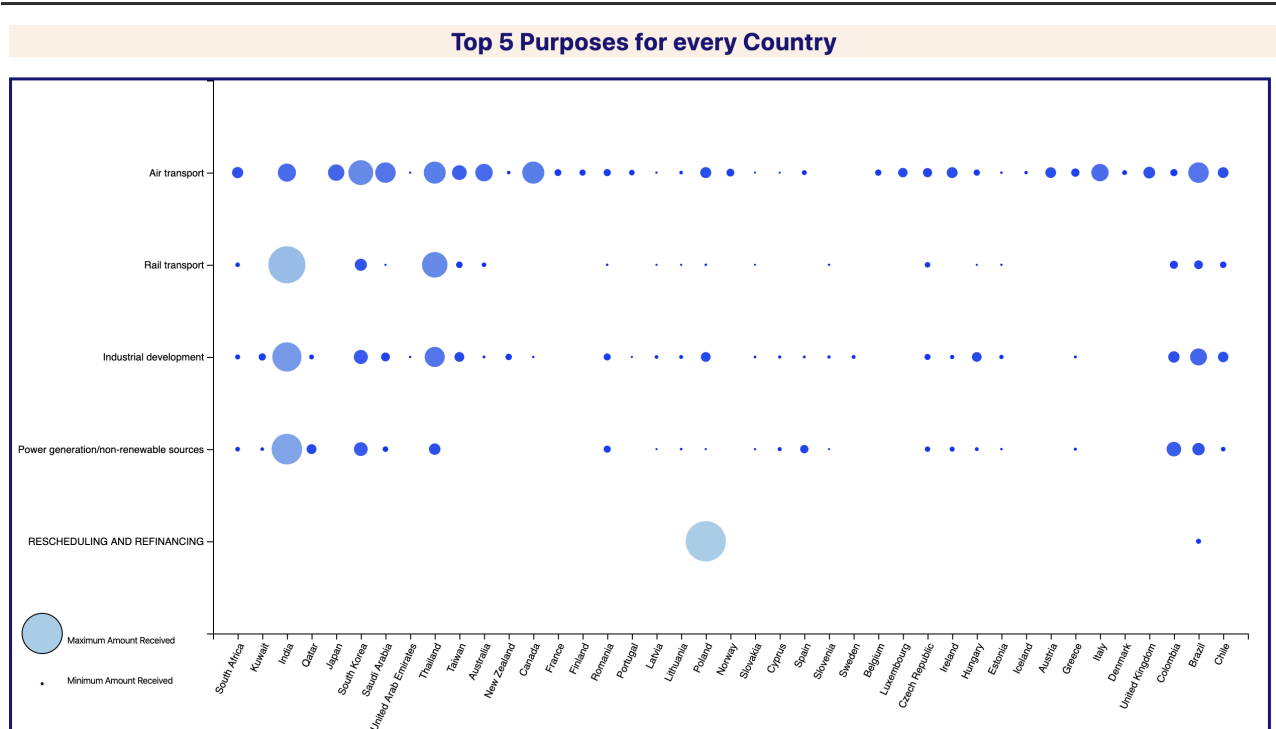# Mini Project 1

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Q1.

Here, I used a diverging bar graph. I found the difference between Amount donated and received and sorted it accordingly to display. This way it makes it more readable and easier to compare against other countries.

Q2.

Country: Donation and Received

Here, I used a bubble chart map where each bubble is a pie chart. I used the geoMercator projection because it seems to resemble a normal map the best. The legend is on the right hand side. The size of the pie chart is the total amount(Donated+Received) and the sectors represent the proportion of donated and received. I had to use simulation to avoid the overlapping of piecharts in the European region. Since there are a lot of small countries in Europe, I had to use collision to display the individual piecharts as well as maintain the positions as much as possible.

Q3.

Here, I first found out the top 5 purposes according to the amount received. Then, I created a mapping for every country, its purpose and the individual amount of the received value. That is why, there are some circles missing because not all countries received amount for a particular purpose. For example, except for Poland and Brazil, no other country received donation for the purpose Rescheduling and Refinancing. The circle size represents the money received and so does the colour. If the shade is lighter, then higher the amount and if the shade is dark then lesser the amount. Also, I grouped the countries according to continents, hence we can compare geographically as well.