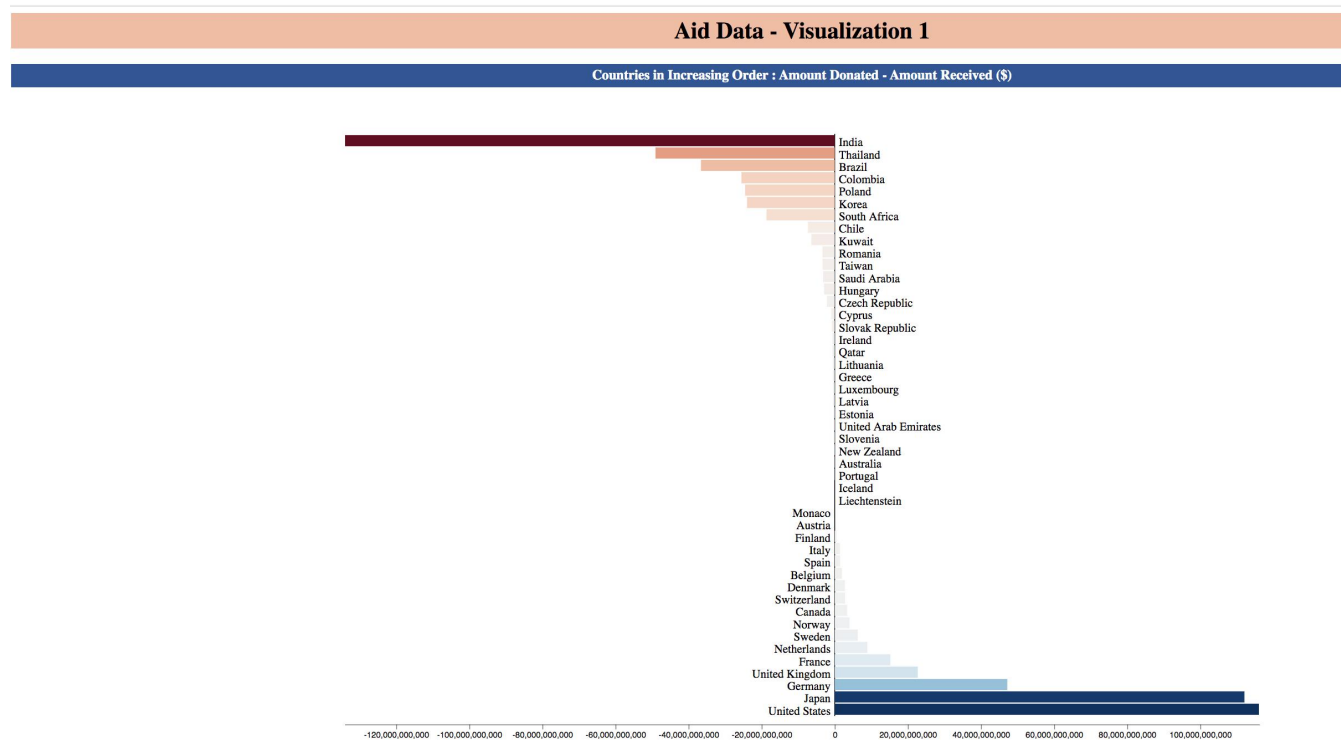


Mini Project -1 Aid Data

- **Visualization 1:** How do the countries compare in terms of how much they receive and donate from other countries? Are there countries that donate much more than they receive or receive much more than they donate?

Depicted using a divergent chart which shows the countries listed in increasing order of difference (Amount Donated-Amount Received). Chart used is bar chart where the width shows the value difference of Amount Donated-Amount Received .

The color scheme for this chart used is Amount d3.interpolatedRdBu : Given a number t in the range $[0,1]$, returns the corresponding color from the “RdBu” diverging color scheme represented as an RGB string.



- **Visualization 2:** Do the countries that receive or donate the most tend to cluster around specific geographical areas of the world? Are there neighboring countries that have radically different patterns in terms of how much they receive vs. how much they donate? Used spatial representation or a Geographic Map to represent amount denoted and received. There are shown in two different maps one for donor and one for recipient

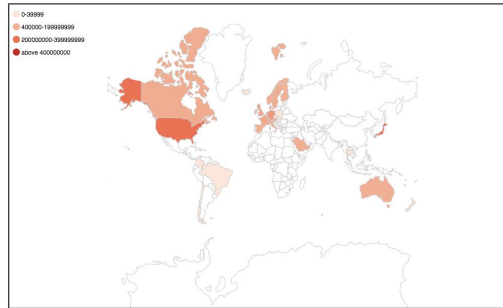
The amount donated is divided into 4 categories and they are represented by different intensities of color red d3.schemeRed[4]

The amount received is divided into 4 categories and they are represented by different intensities of color Blue d3.schemeBlue[4]

Aid Data - Visualization 2

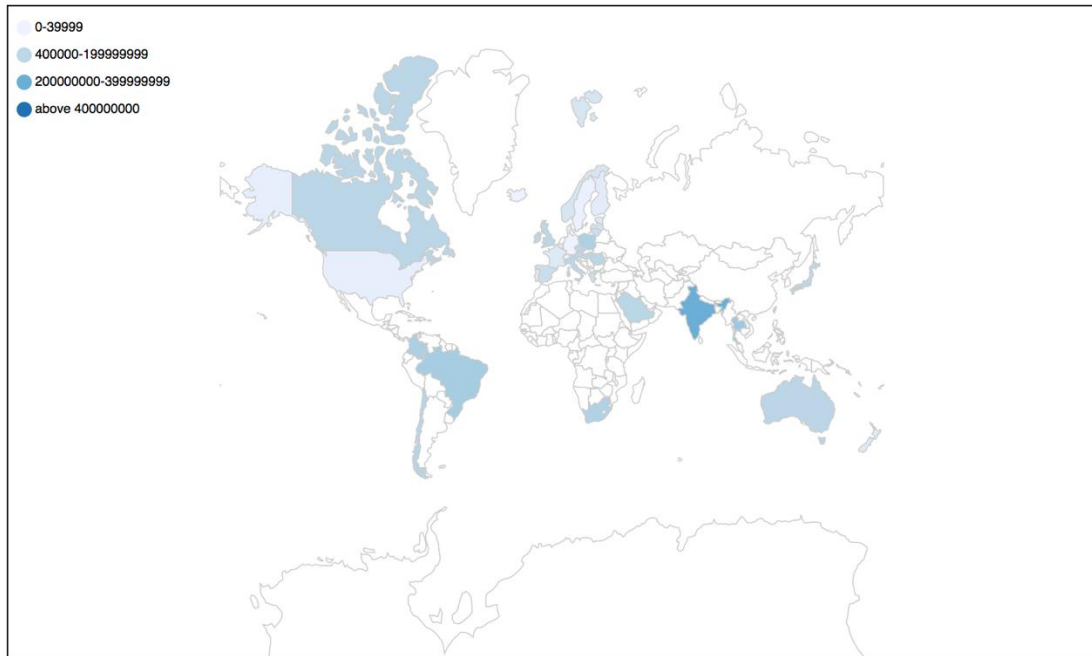
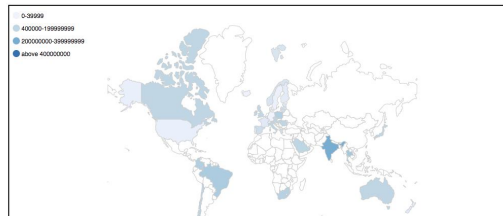
Countries Intensities proportional to Donation Amount(USD)

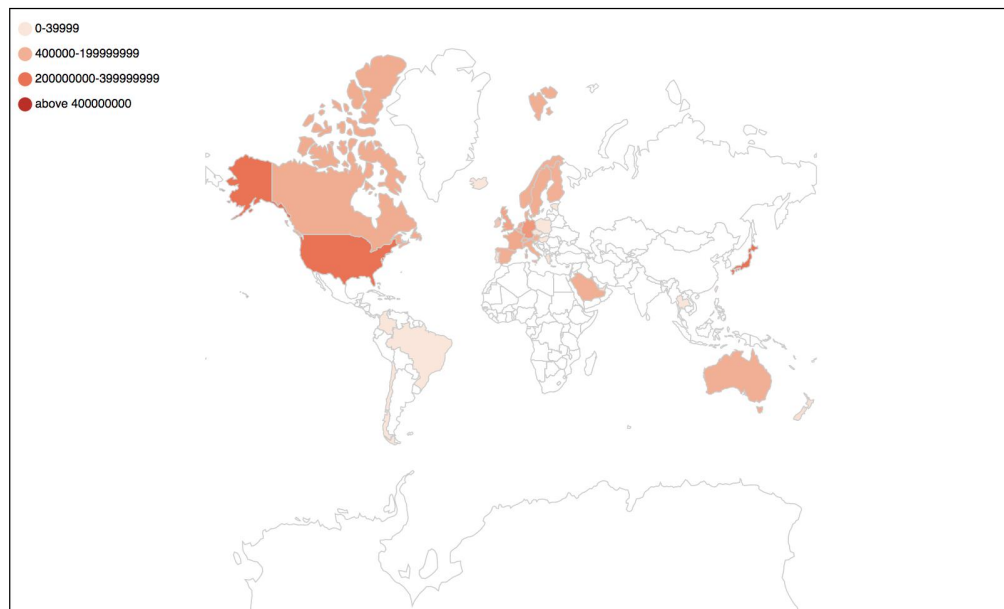
Show Donor Countries Map



Countries Intensities proportional to Recipient Amount(USD)

Show Recipient Countries map





When we hover we can see the amount received or donated.

- **Visualization 3:** Are there any major differences in how the top 5 most frequent purposes of disbursements distribute geographically in terms of countries that receive donations? Are there countries that tend to receive more of certain types of donations than others?

I processed the purposes from the data set and found the top 5 purposes for which countries have received donations. Its represented using a scatter plot.

The X axis shows the countries which received the donations and y axis shows the purposes. Each purpose category is depicted with different color scale and size of the circle depicts the amount received by a particular country for that purpose.

Aid Data - Visualization 3

Countries based on Top 5 Purposes of Receiving Donations

