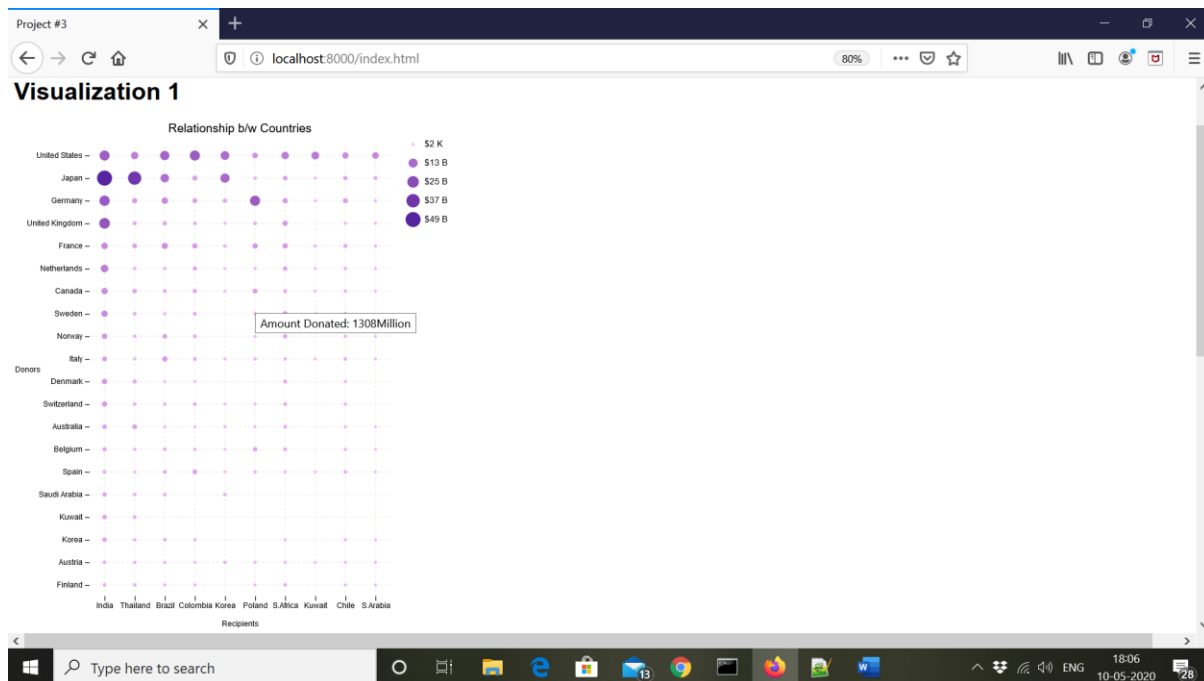MINI PROJECT 3(NETWORK)

Anvita Marla

am9435

Visualization 1:

I created a bubble matrix chart that shows the amount donated by the top 20 donors to the top 10 recipients. We have the top 10 recipients on x axis and the top 20 donors on y axis. Each bubble reflects how much a country has donated and/or received aid. Colour intensity and size is used to represent the amount donated. Higher is the amount, higher is the intensity and size of the bubble. Furthermore, I have sorted the countries from most donated to least donated among the top 20 donors and from most received to least received among the top 10 recipients so as to add to the aesthetics of the graph and help read it better. I have also appended the bubble chart to represent the amount donated when you hover your mouse over it. I have done data pre-processing inside the vis1 function using **aiddata-countries-only - aiddata-countries-only.csv** file in the data folder.

Screenshot:

Visualization 2:

I created a pie matrix chart that shows the distribution of top 5 purposes of donations made by the top 20 donors to the top 10 recipients. We have top 10 recipients on x axis and top 20 donors on y axis. Each pie chart reflects information on the distribution of the top 5 purposes of donations a country has donated and/or received. Colour is used to distinguish between the top 5 purposes. Size is proportional to the total amount (sum of all the amounts of the top five purposes). Furthermore, I have sorted the countries from most donated to least donated among the top 20 donors and from most received to least received among the top 10 recipients so as to add to the aesthetics of the graph and help read it better. I have also appended the pie chart to represent information on the donor, the recipient and the amounts of the top 5 purposes along with the total when you hover your mouse over it. I have done data pre-processing in observable and saved it as **mini3_vis2_data.csv** file in the data folder.

Screenshot: