

INFX 511

Assignment 8 - d3 Visualization

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For this assignment we decided to uptake a dataset from the World Bank's global population estimates and projections data¹. They are disaggregated by gender.

The results are visualized using an interactive area chart that illustrates how the population of people in 174 world economies has changed from 2009-2018.

INTRICACIES

The user can:

- click on a particular country to further drill down details only for that country and see how population changed over the years represented by another area chart.
- search for a particular country in the textbox to see results for individual countries, instead of clicking from the area chart of all countries.
- bifurcate the visualization based on gender and visualize the results for both, or male or female for a particular country which is entered in the textbox.
- also visualize pattern for male and female for all the countries using the respective radio buttons.
- see the country names by hovering over the area chart.

The countries are grouped into seven regions which were merged from another dataset from sociology². These regions are represented by a different color which are illustrated using a legend.

¹ <https://www.kaggle.com/theworldbank/global-population-estimates>

² <http://gsociology.icaap.org/dataupload.html>