

Data processing week 7: Dashboard

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In this visualization one can compare the Gross Domestic Product (GDP) of different countries in the world. Interactivity includes the option to select different years of GDP data; as well as mouse hovering highlighting and country clicking to display its annual fertility rates since the year of 1960. Countries with higher GDP tend to have lower births per woman. In this dataset one can observe the inverse correlation found between wealth and fertility which is called the demographic-economic paradox. A sequential multi-hue and colorblind friendly color scheme was used to fill the countries. This is because a numerical variable is visualized in the world map. A year-option selector was added so that the user can investigate the GDP rates throughout the last decade and make comparisons to its corresponding fertility rates. Whenever a country is clicked additional demographics are displayed when available. Data was acquired from <http://data.worldbank.org/>