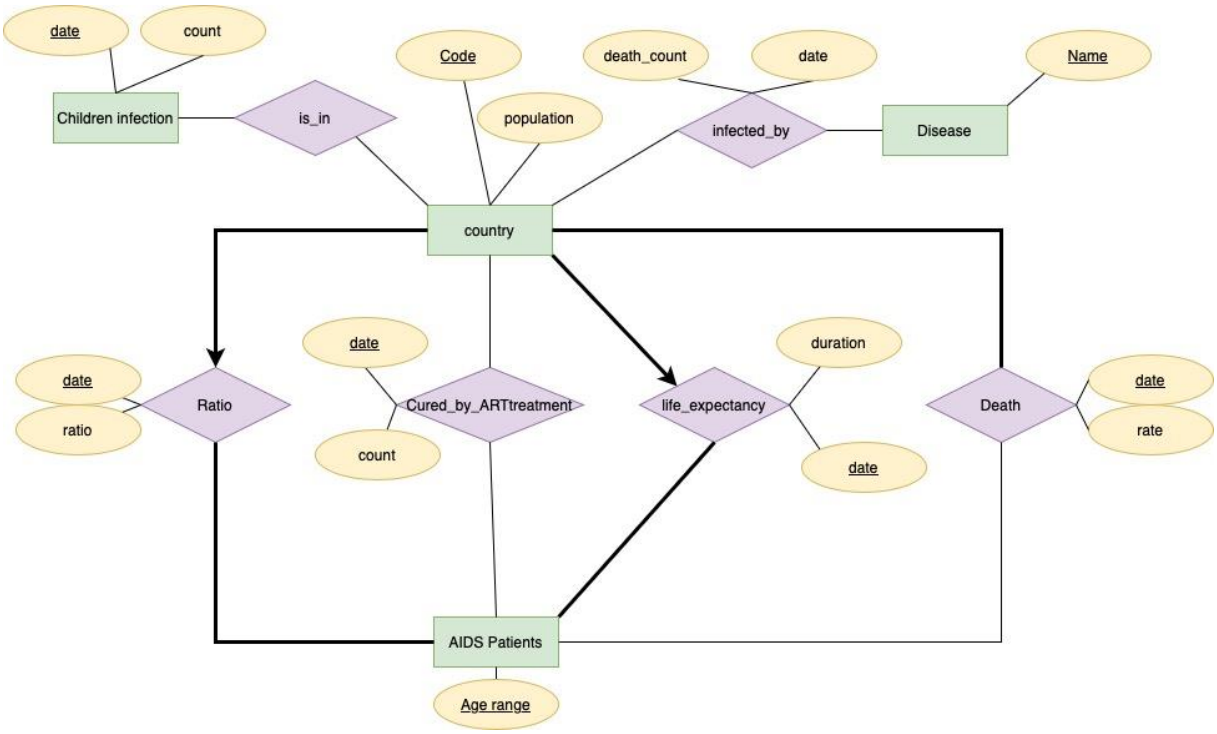
HIV/AIDS Causes and Effects

In our project we will be examining HIV/AIDS related datasets which contains data of various countries from 2019 and 2016. The data we will store is annual number of death by cause, HIV deaths and averted deaths due to ART, HIV deaths by age groups, life expectancy, population and death percentage of AIDS. By doing so we will be addressing one of the most important problems of third world countries, deaths caused by ignorance which could be prevented. In other words, public health will be our world problem that we will focus.



Entity sets, the Relationship Sets and the Attributes:

Country: Countries that are presented in our data.

Disease: Major lethal disease that pose a threat to countries.

Children Infection: Data on children infection in countries that leads to death.

AIDS Patients: Patients that are infected with HIV virus.

is_in: Children is in Countries.

infected_by: people that are infected by disease in countries.

Cured_by_ARTtreatment: AIDS patients that are cured by ART treatment in countries.

Life_expectancy: Life expectancy of AIDS patients in countries.

Death: AIDS patients that have died in countries.

Ratio: Ratio of AIDS patients in countries.

Data Preparing Steps:

Mainly, we followed the steps that we did in the first recitation. Specifically, to separate our data from flat design we firstly determined the columns that we will use. Then we removed those unnecessary columns and then removed any duplicates. After that we transformed our data into table and filtered by year and country. We decided use 2019 and 2016 years as they were the years that the data was most suitable and clean. By doing these steps we achieved our final data form on our CSV files.

Here is our repository link: https://github.com/bkabadayii/CS306-Project-Artisan.

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