Week 9 Final Project Submission

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2023-10-20

Questions

What Is The Topic That You Have Finalized?

The topic that I have decided on is the Global Food Paradox. In a world where vast feasts and debilitating famines coexist, the global food paradox challenges us. We're awash in food production yet mired in hunger. The paradox highlights the stark contrast between regions and communities with an overabundance of food, often leading to issues like over consumption and food waste, while other areas suffer from chronic hunger and malnutrition. As I do not want the data to be too infinitely large, I am thinking of utilising continental data. I am also not too sure how much I can include, so I may do away with the environmental impact and animal welfare part if there is too much. Also, I will definitely reduce the data size as I go along the project because I forsee that I would be trying to pick and choose the more relevant ones.

What Are The Data Sources That You Have Curated So Far?

So far, I have managed to get the following data sources which I think are quite interesting to look at. Of course I do not think I will be using everything for the final project but the story I hope to tell would be along the lines of

Food Production

Per capita kilocalorie supply from all foods per day, 1961

https://ourworldindata.org/explorers/global-food?time=earliest&facet=none&pickerSort=asc&Food=Total&Metric=Production&Per+Capita=false

Environmental Impact

Global emissions from food by life-cycle stage, Total GHGs

https://ourworldindata.org/grapher/food-emissions-life-cycle

Freshwater withdrawals per kilogram of food product

https://ourworldindata.org/grapher/water-withdrawals-per-kg-poore

Carbon opportunity costs per kilogram of food

https://ourworldindata.org/grapher/carbon-opportunity-costs-per-kilogram-of-food

Land use per kilogram of food product

https://ourworldindata.org/grapher/land-use-per-kg-poore

Greenhouse gas emissions per kilogram of food product

https://ourworldindata.org/grapher/ghg-per-kg-poore

Scarcity-weighted water use per kilogram of food product

https://ourworldindata.org/grapher/scarcity-water-per-kg-poore

Animal Welfare

Number of land animals slaughtered for meat per year, 1961 to 2021

https://ourworldindata.org/explorers/animal-welfare?facet=none&country=OWID_WRL~USA~CHN~IND~BRA~GBR&
Metric=Animals+slaughtered&Animal=All+land+animals+(total)&Per+person=false

Projected habitat loss for all species in 2050: Business-as-usual

https://ourworldindata.org/explorers/habitat-loss

World Hunger

Share of population that cannot afford a healthy diet, 2021

https://ourworldindata.org/food-prices

Number of people that cannot afford a nutrient adequate diet, 2017

https://ourworldindata.org/grapher/number-nutritional-diet-unaffordable

Number of people that cannot afford a calorie sufficient diet, 2017

https://ourworldindata.org/grapher/number-calorie-diet-unaffordable