# Brainstorming

Only included data till 2019 to eliminate effects of COVID.

Set aside a test set from the start (stratify by country, age?)

Does life-span increase / disease prevalence decrease overall and stratified by country, disease, age? (What about the overall number of diseases, i.e. if you don`t account for population?)

Which countries / diseases do not follow overall trends?

Can you use linear regression for mortality vs age? For infectious diseases you might need to allow high level among children, then decrease and again increase over time.

Look at rate/level of people contracting the disease, mortality and curing.

Include data on availability of drug; have generica become available; how have the prices of major drugs developed?  
How did the number of doctors and nurses changed?  
Have there been any actions from NGOs or governments? (Compare to countries w/o these actions).

Consider age distribution and changes in it.

What is the cheapest/easiest measure that might save most lifes?

Questions a priory

What is the rate of change in life expectancy (absolute) for each country?