LIFE EXPECTANCY INDICATORS

Power BI Project

Sample

- The sample is consist of 30 countries mainly divided into 3 categories according to their Life Expectancy Level.

- **Long level** → Years > 77
- **Medium level** → Years > 63 and Years <= 77
- **Short level** → Years <= 63

- Max Age: 83
- Min Age: 52

By Level of Life Expectancy Groups

Long

Country Code	Country Name
CZE	Czech Republic
DNK	Denmark
EST	Estonia
FIN	Finland
FRA	France
GRC	Greece
ISL	Iceland
SWE	Sweden
GBR	United Kingdom
URY	Uruguay

Medium

Country Code	Country Name
COG	Congo
KEN	Kenya
KGZ	Kyrgyzstan
LAO	Lao People's Democratic Republic
MMR	Myanmar
NPL	Nepal
MDA	Republic of Moldova
RUS	Russian Federation
TJK	Tajikistan
UZB	Uzbekistan

Short

Country Code	Country Name
BFA	Burkina Faso
CAF	Central African Republic
CIV	Côte d'Ivoire
COD	Democratic Republic of the Congo
GIN	Guinea
MLI	Mali
NER	Niger
NGA	Nigeria
TGO	Togo
UGA	Uganda

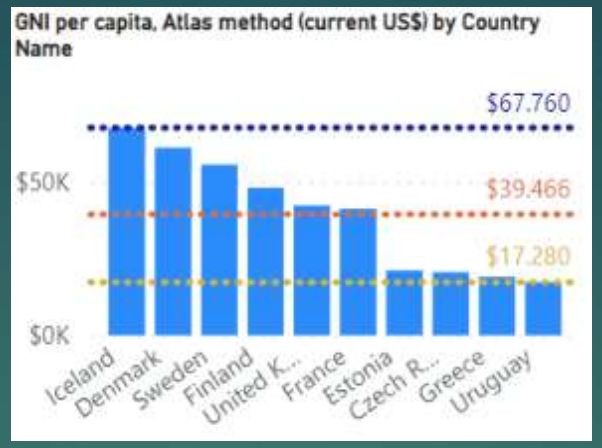
GNI pc

- A positive relation in total, between GNI Level and Life Expectancy Level

- Middle and short Levels are more likely impacted by third variables as more spread around the trend line.

- Out of the total, the Short Level trend appears to be negative indicating a strong influence by a third Life Expectancy indicator.

Long



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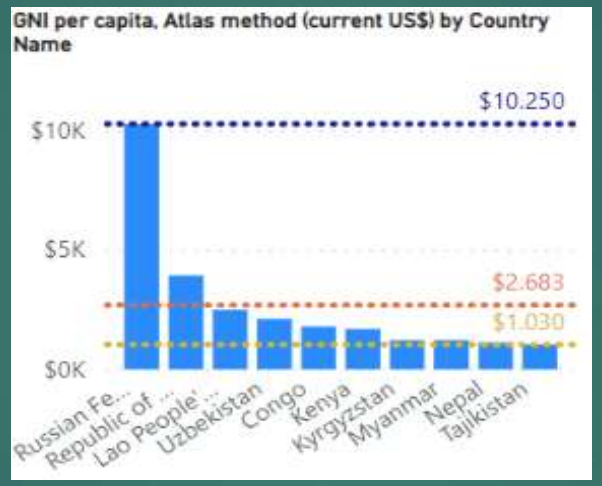
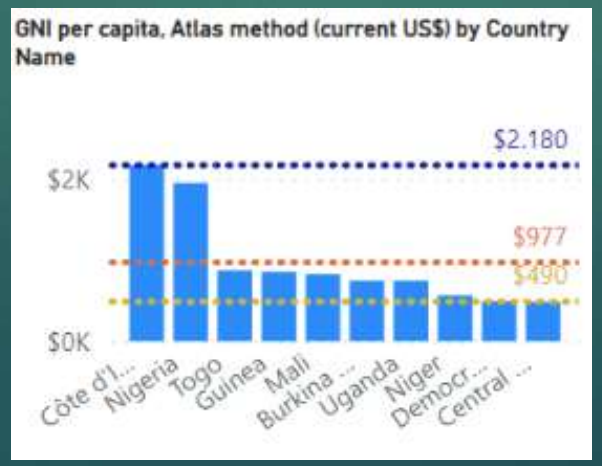
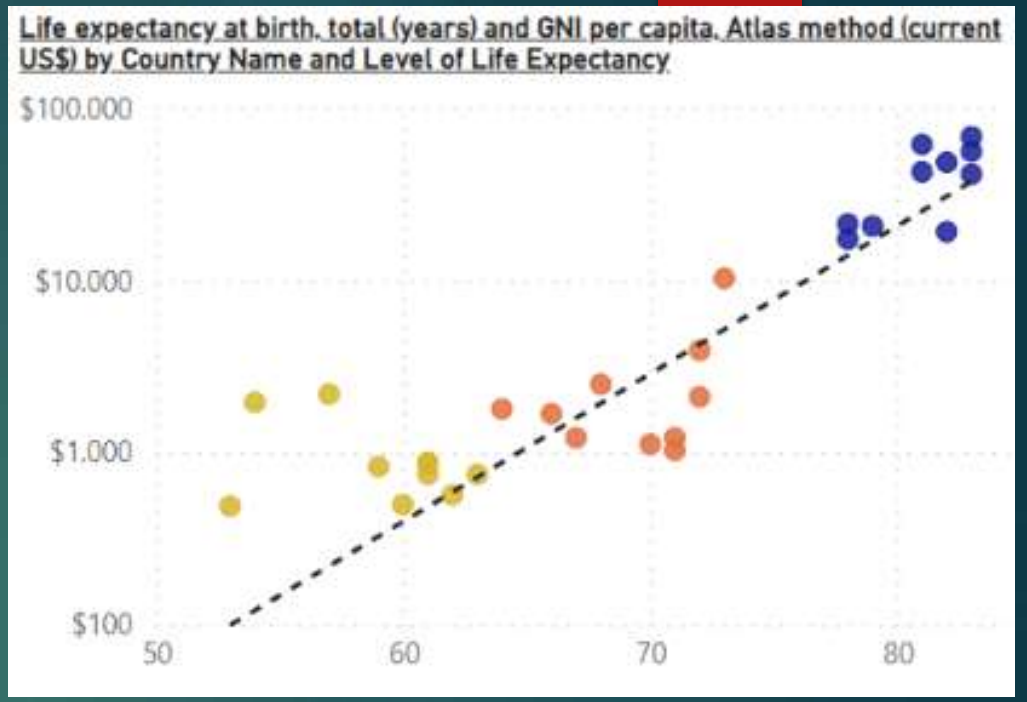
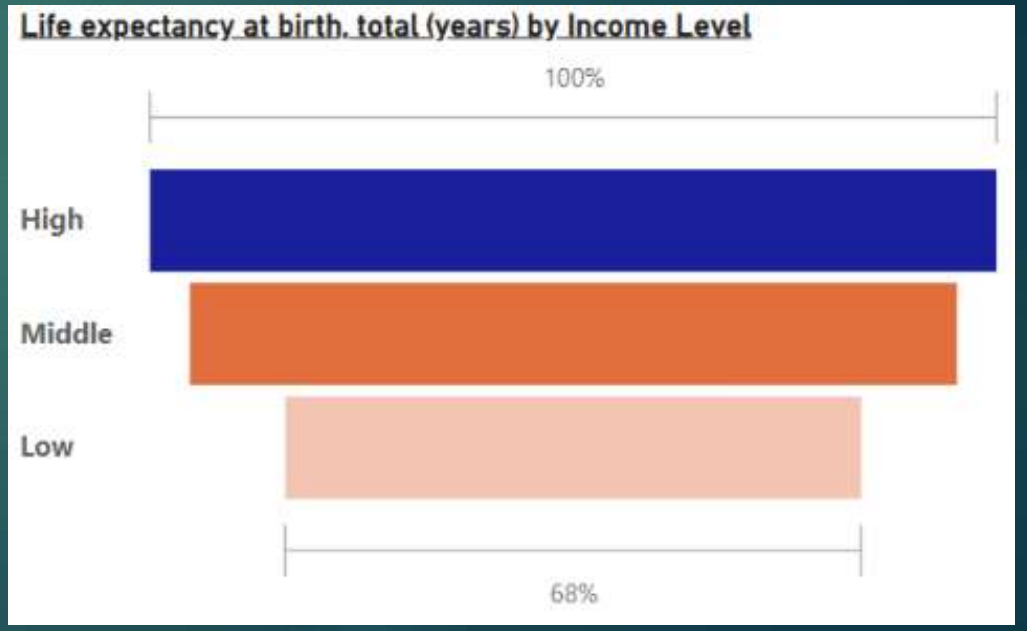


Short

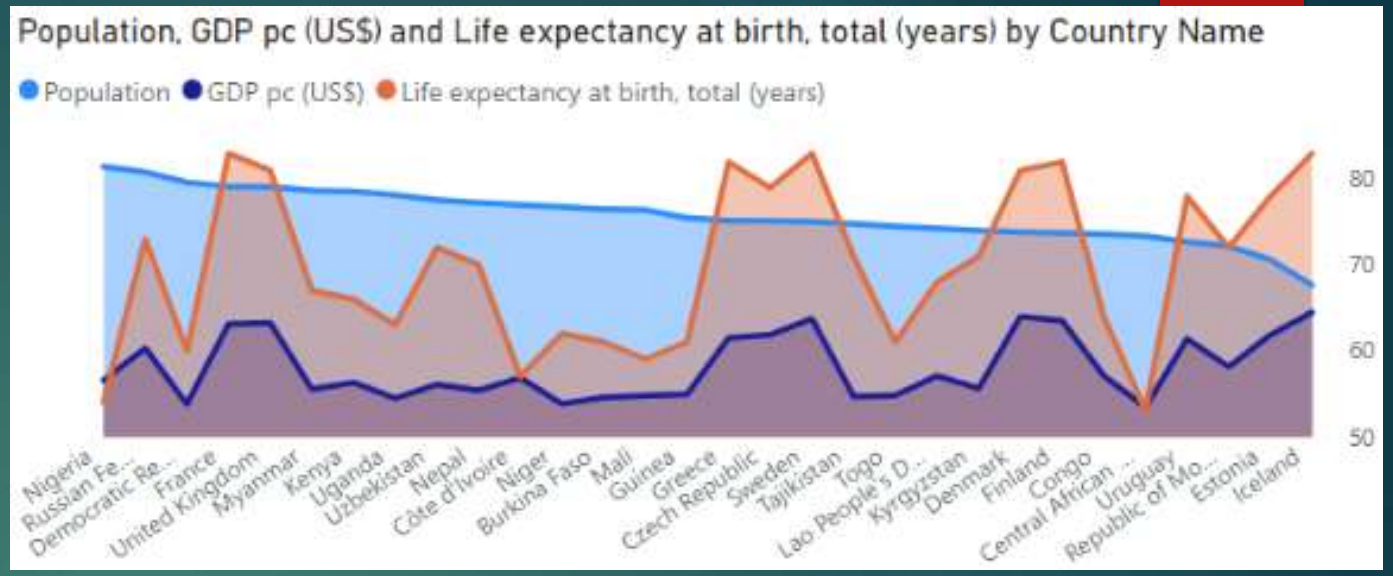


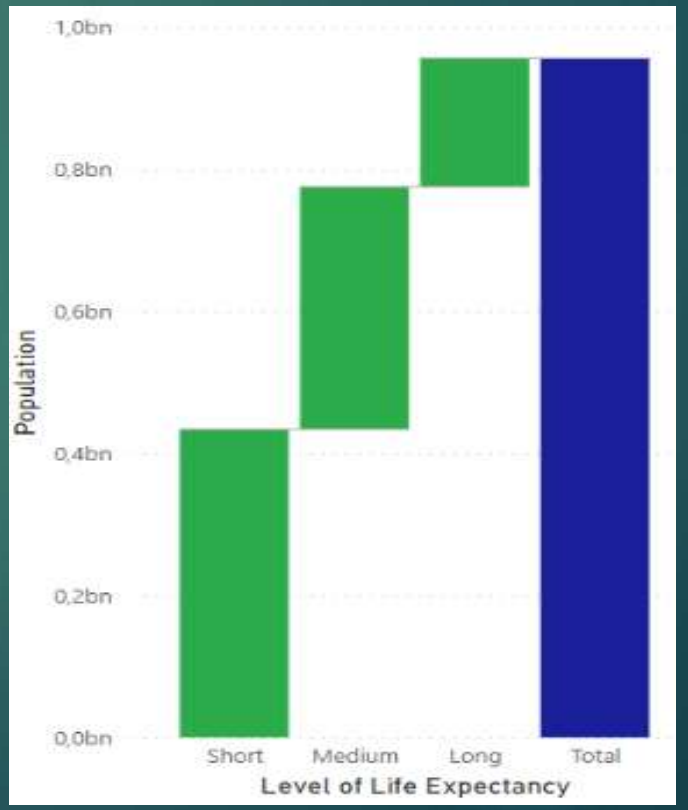




Population

- On a total level, the population appears to have a negative impact on Life Expectancy.
- However, its influence is not clear in a closer picture.
- By combining population influence and GDP levels, we can spot a pattern between GDP pc and Life Expectancy Levels.
- Lots of factors like Technology or Illiteracy rates could provide a more clear image of population impact.

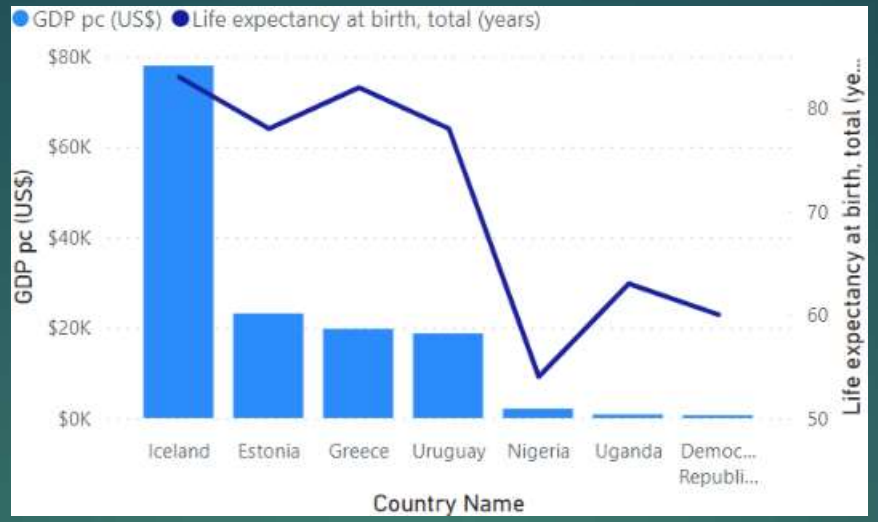


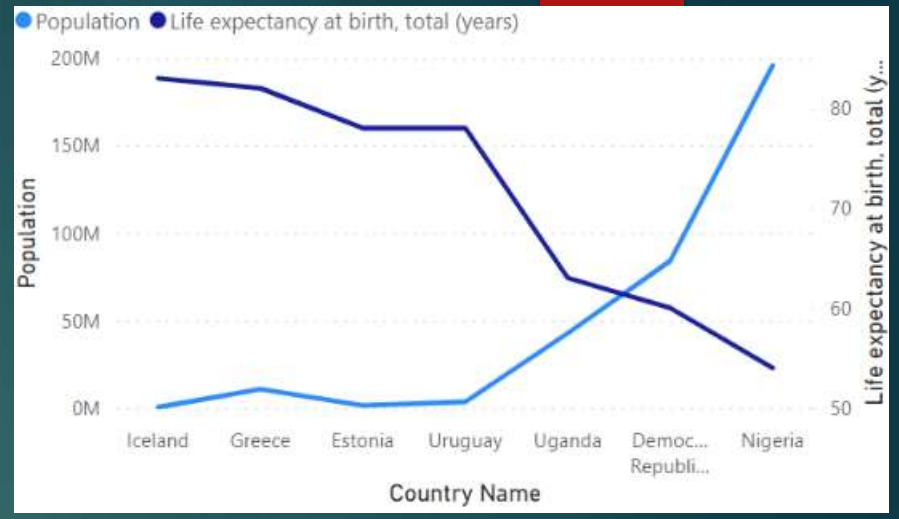


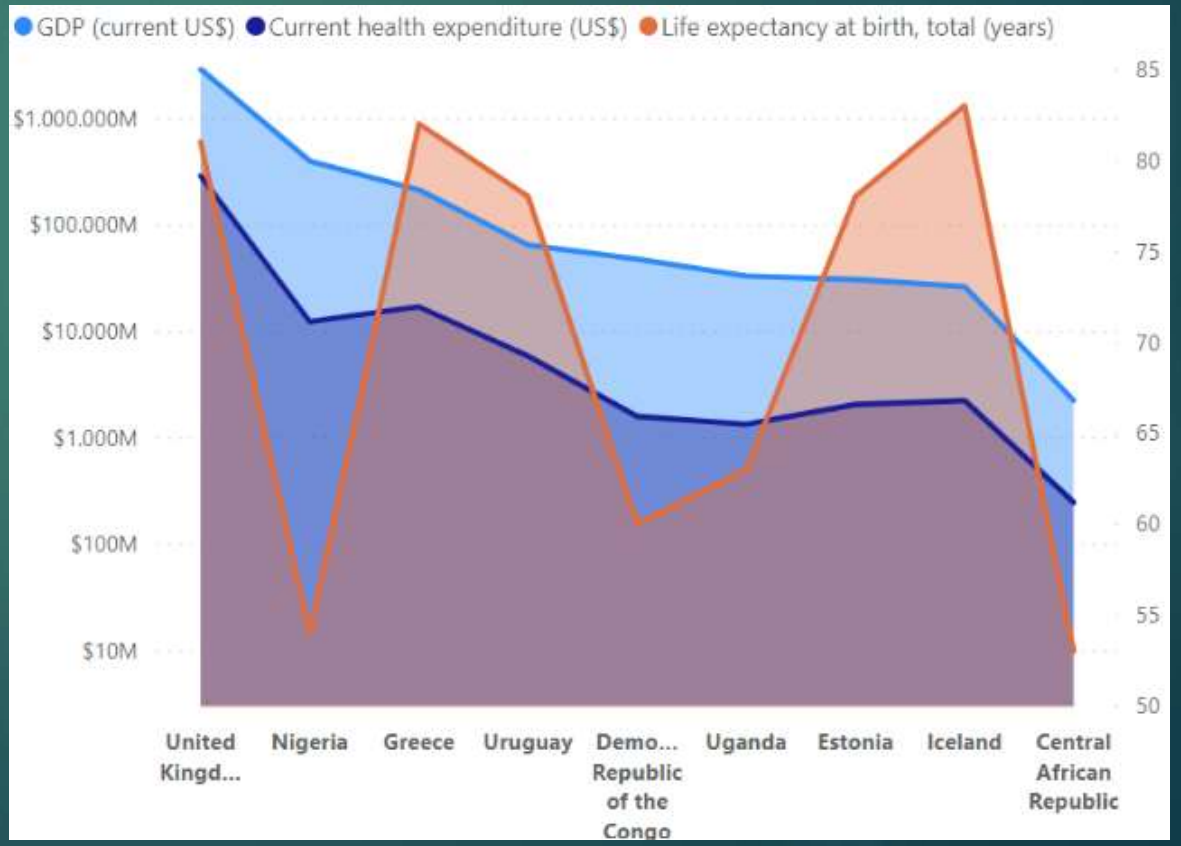
GDP pc

- By the fact that Economic growth affects positively the Life expectancy level, we would expect Countries like Nigeria to have a smaller value of GDB than Iceland.

- However by adding the population influence we can now see what we would expect from such a comparison.

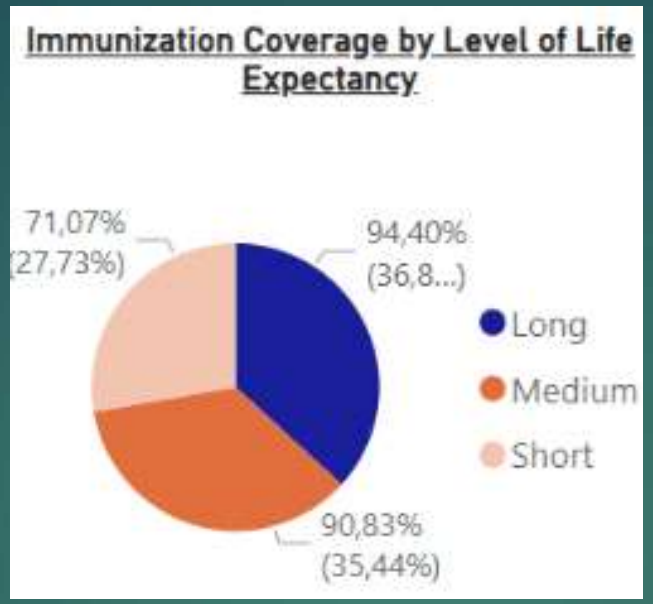


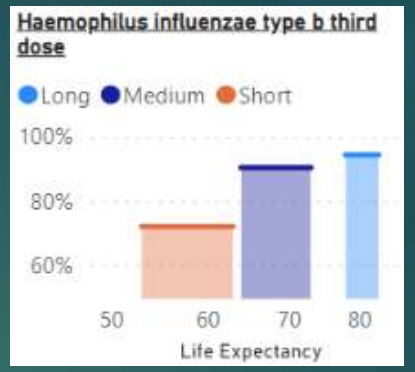


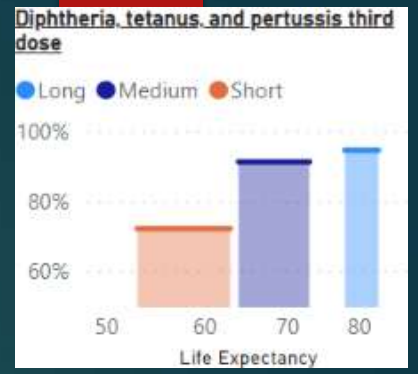


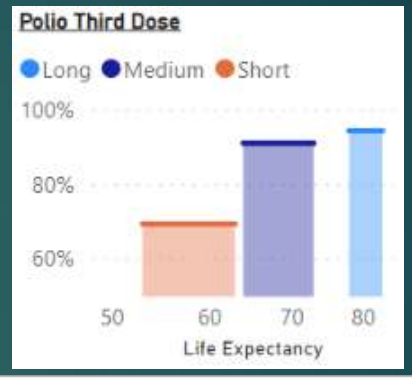
Vaccinations

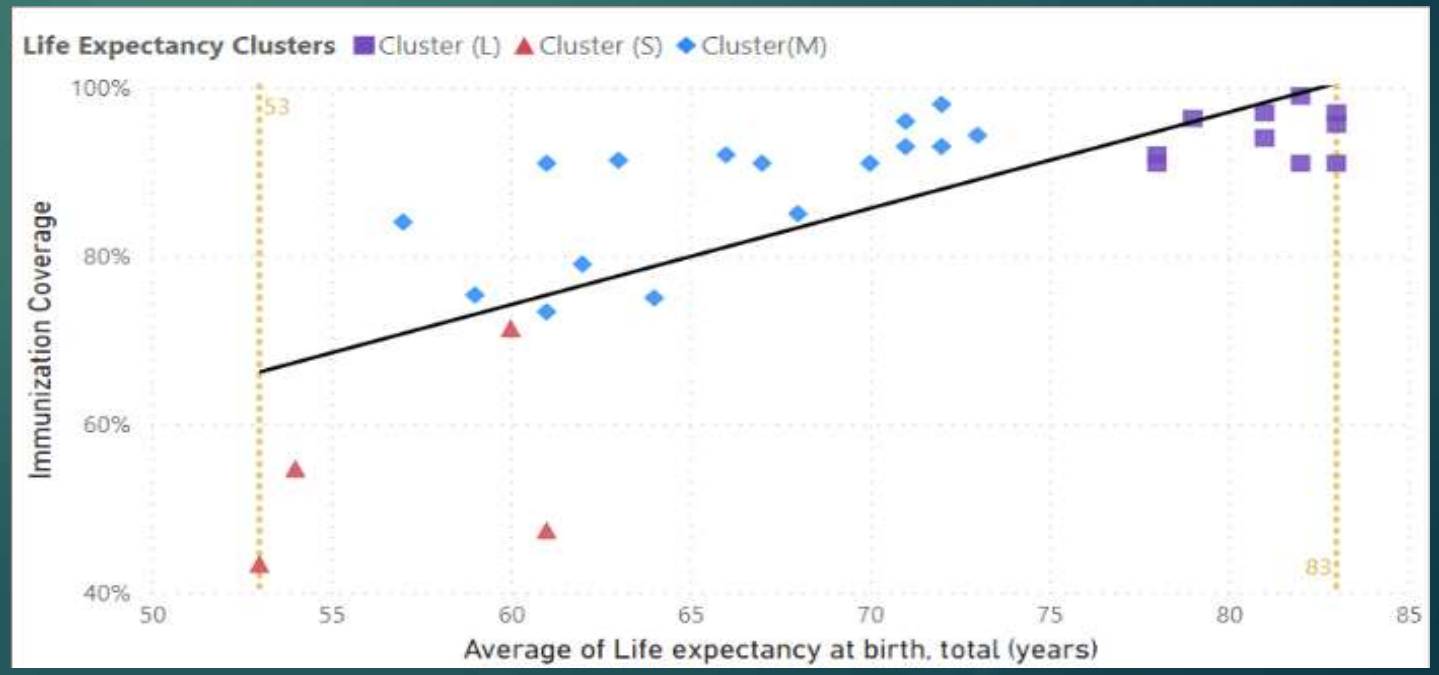
- It was used 3 essential vaccines, to create a meter.
- The relation between vaccination coverage and Life Expectancy appears to be positive.











THANK YOU

Stavros Xakis