

Analysis of Malnutrition Across the Globe

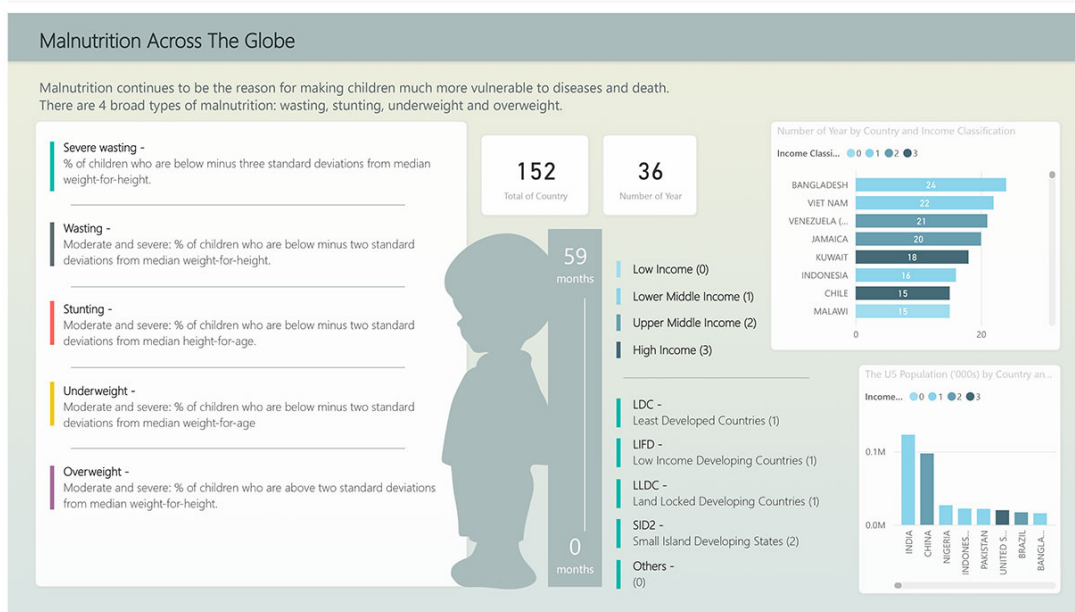
Tool: Powerbi

Source: [Kaggle](#)

Duration: 2 weeks

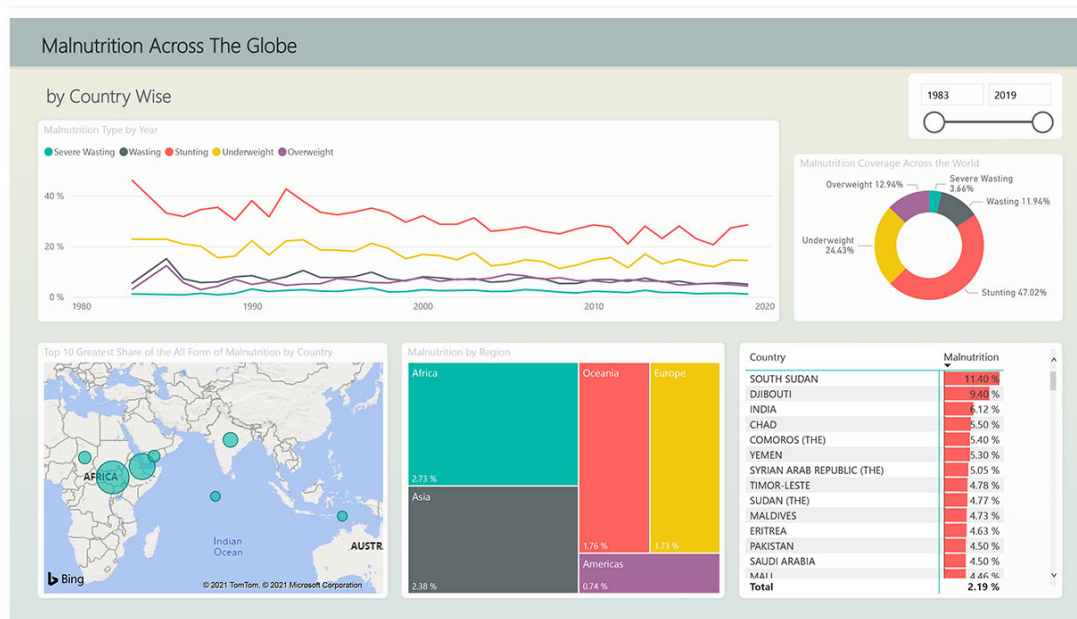
Data Description

Malnutrition continues to be the reason for making children much more vulnerable to diseases and death. There are 5 broad types of malnutrition in the dataset: severe wasting, wasting, stunting, underweight and overweight. The data of countries from 1983 – 2019, target on children aged 0 – 59 months.

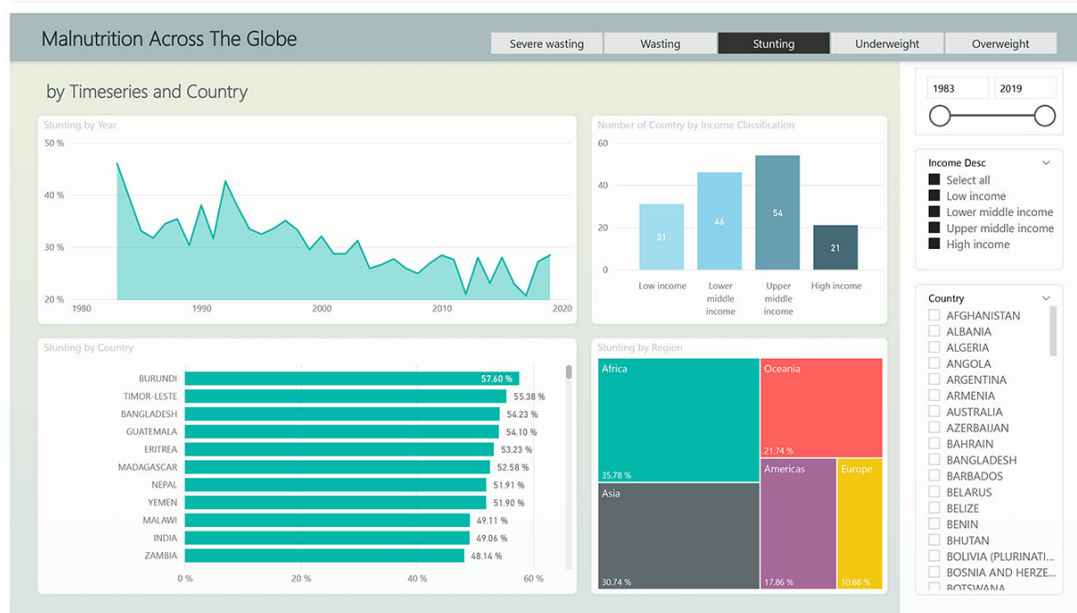


Analysis

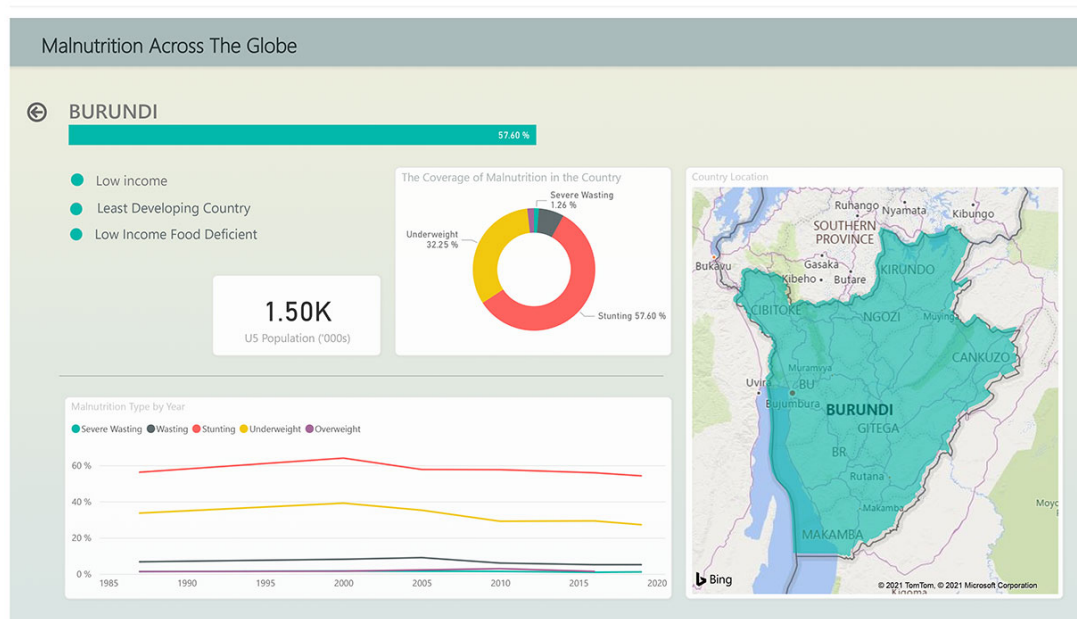
The stunting (red color) is continually being the greatest of malnutrition throughout the years in the world. Among the 10 greatest countries, 4 shares are located at Africa that brings it to be the most malnutrition region.



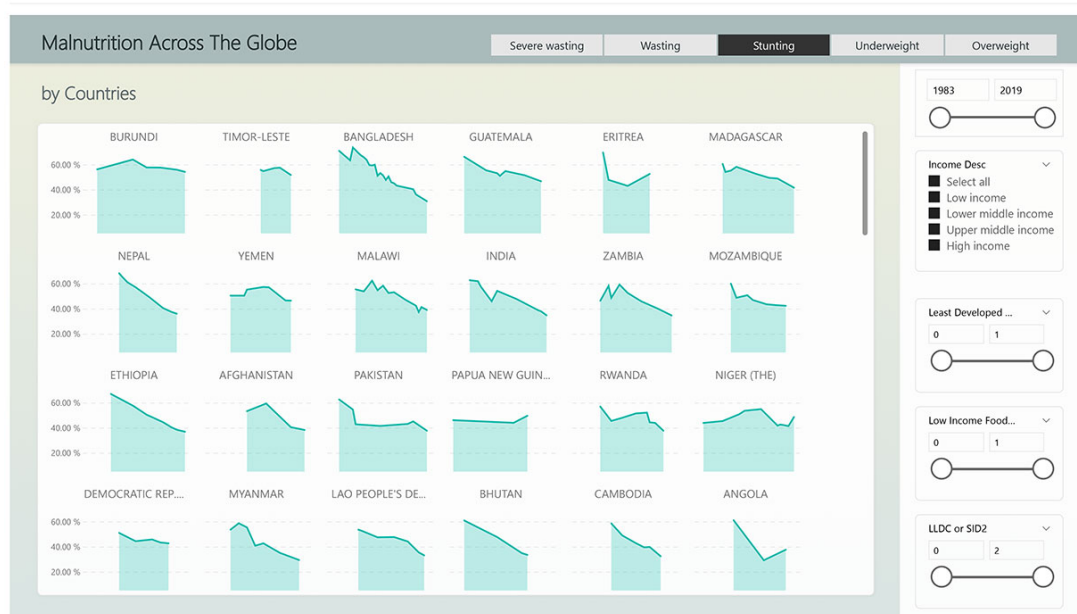
By going into the detail, Burundi is the highest stunting country throughout the years.



However, the timeseries showing that it is actually declining. So, which country is really increased the stunting?



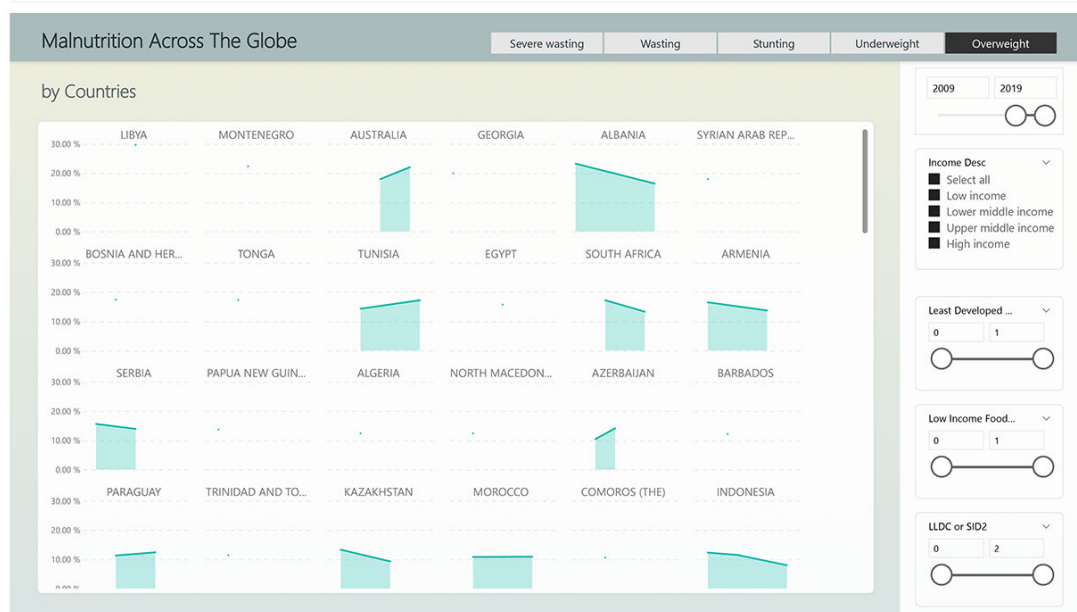
Looking at the stunting across the globe by timeseries, Niger is highest increasing about 7.2% from 2016 - 2018.



Analyze by income, the severe wasting, wasting, stunting and underweight are decline while income increasing. However, the overweight is rising.



Drilling into the type of overweight, Australia is the highest increasing (4%) over the 10 years. Follow by Tunisia.



Conclusion

Africa is the highest Malnutrition region. Stunting is still the greatest Type of Malnutrition. However overweight seem like slowly increasing that we cannot ignore. According to WHO, the goal is to reduce 40% of the stunting by 2025. However, it seems to be more challenging, due to the pandemic - covid-19.