Status of child nutrition and hunger in Africa by Luke Korir
Description of the project

The Sustainable Development Goal 2 is to end hunger, achieve food security and improved nutrition and promote sustainable agriculture. A lot of investment has been made by many state and non-state actors all aimed at alleviating poverty, malnutrition and hunger in Africa. One of this is RESAKSS, which has compiled and made available relevant datasets for tracking and monitoring progress in SDGS in Africa. The objective of this project is to utilize this data by analyzing it to establish the status and progress in achievement of SDG on nutrition and hunger across all African countries. It intended to present the finding using an appropriate infographic that may appeal to wider audiences.

For this project, I used RESAKSS 2017 data for all countries in Africa, when available. The indicators used are per capita household consumption expenditure, prevalence of stunting, wasting, underweight, Global hunger Index and country classification by income groups. Data was downloaded manually from the RESAKSS website. The data was imported into R Studio for wrangling and analysis. Various R packages were used to process, merge and analyze the different country datasets. Charts were then created, and all combined into one chart using R packages.