

# DATATHON PRESENTATION 2023

Optimising Food Production and Distribution to Combat  
Hunger (Case of Uganda)

The Equity Visualisers (Uganda)

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# The Team

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- 02 • Between 2021 and 2022, progress was made towards reducing hunger in Asia and Latin America, but hunger is still on the rise in Africa, Caribbean and Western Asia.  
(<https://hlpf.un.org/sites/default/files/2023-09/Food%20Systems%20Transformation%20Brochure.pdf>)

# The datasets

- High-Frequency Phone Survey 2020-2023  
(<https://microdata.worldbank.org/index.php/catalog/3765>)
- National Panel Survey 2019-2020: Uganda Bureau of Statistics. Uganda National Panel Survey (UNPS) 2019-2020. Ref: UGA\_2019\_UNPS\_v03\_M. Dataset downloaded from [URL] on [date].

# The Local SDG Problem

Climate change is a key limiting factor towards achievement of SDG2 - Through drought - agricultural production is affected (crop yields), promotes pest infestation, affects availability of quality water resources, affects HH income All these consequently undermine food security & improved nutrition

# Problem: Background, The Stats & Progress

- Where is Uganda under achieving
- Any other countries struggling ( potentially in the same region): point to scaling up our solution
- Any countries doing better on that aspect 9 comparative stats
- What is the proposed solution ( based on the data)

# Food Insecurity Experience Scale (FIES)

## FOOD INSECURITY BASED ON THE FIES: WHAT DOES IT MEAN?



Figure 1: Food Insecurity Experience Scale

# Introduction to the Solution

# The SDGs



Figure 2: The key SDGs

