

A healthcare professional, likely a nurse or doctor, is shown in profile, wearing light blue scrubs and a name tag. She is pointing her right index finger at a large digital screen that displays complex medical data, including what appears to be a brain scan or anatomical diagram. The background is a dimly lit room with horizontal blinds. The overall tone is professional and focused.

HELP

Investment



OUR BIG IDEA

After the recent funding programs HELP has been able to raise around \$ 10 million. Decisions must be made to use the money strategically and effectively by allocating these funds to those countries that are in the direst circumstances.



FACTORS



CHILD
MORTALITY &
FERTILITY



HEALTH SPENDING &
LIFE EXPECTANCY



INCOME



INFLATION &
GDP



IMPORTS &
EXPORTS

Analysis

PARAMETERS USED FOR ANALYSIS & SELECTION

GDPP

CHILD MORTALITY

INCOME

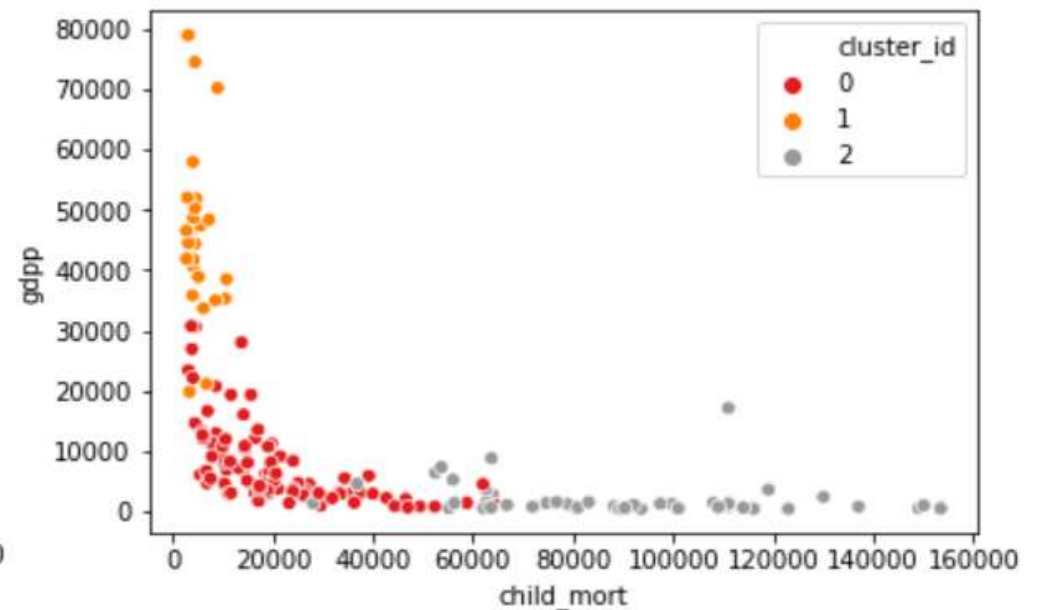
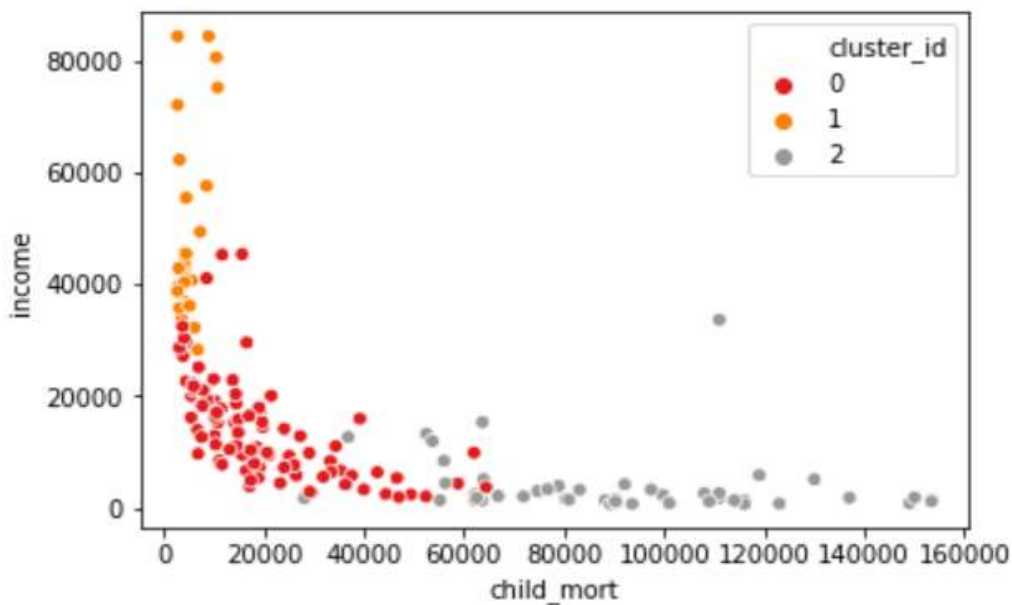
Countries analysed – 167

*Based on 1st year projections

CLUSTERING

Organising the group of countries into groups with similar characteristics.

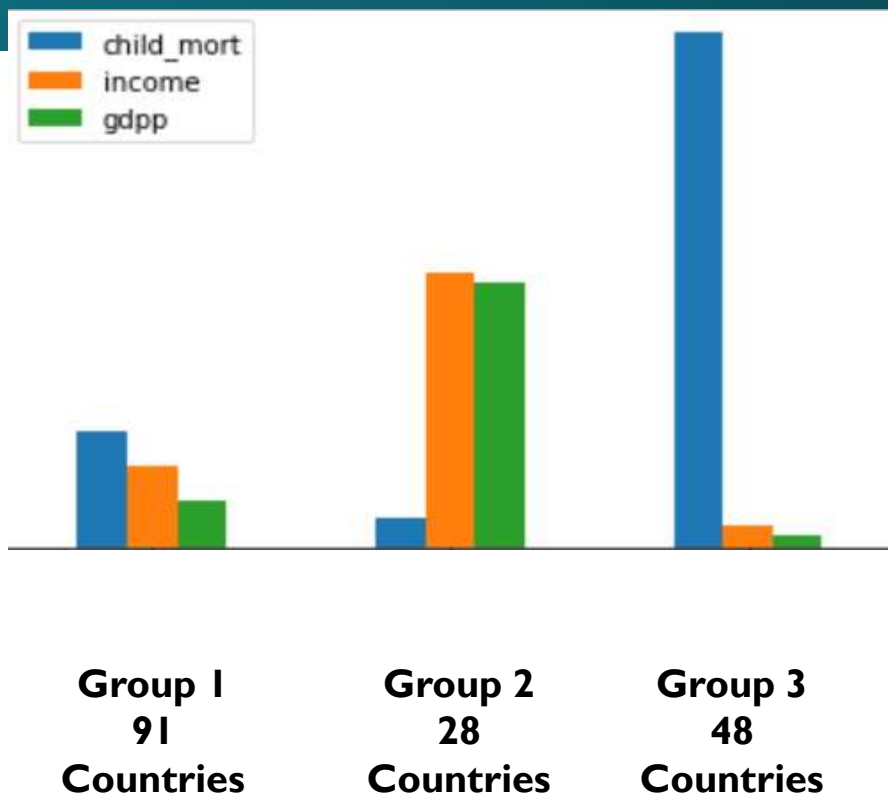
Identifying the group that will benefit the most of any investment.



Countries with High Income and high GDPP are seen to have low child mortality

FINDINGS

3 TYPES OF CLUSTERS IN DATA - for 167 Countries after performing 2 types of clustering and confirming similar groupings for each.



Group 1 – Low values of all 3 factors compared to rest

Group 2 – Low Values of child mortality and high income and high GDPP

Group 3 – Low Values of income and GDPP but very high mortality

ANALYSIS OF GROUP 3 -TOP 5 COUNTRIES IN NEED

Niger



Burundi



Congo



Liberia



Sierra Leone



THANK YOU



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DATA ANALYST

