

# Data Analysis Revolutionizing Journalism

ETC5543 Internship Presentation

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2023-06-07

# Organisation: 360info

## Background

360info is an open access global information agency that addresses the world's biggest challenges and offers practical and research-based solutions.

## Role

Contribute to a Special Report made up of 5-10 articles looking at different aspects of, or solutions to, the problem in the following ways:

- Exploratory Data Analysis
- Data Wrangling support
- Graphics

# Topic 1: Child Marriage during Covid-19

Due to Covid-19 about **9 million** more girls were at risk of child marriage.

## Methodology

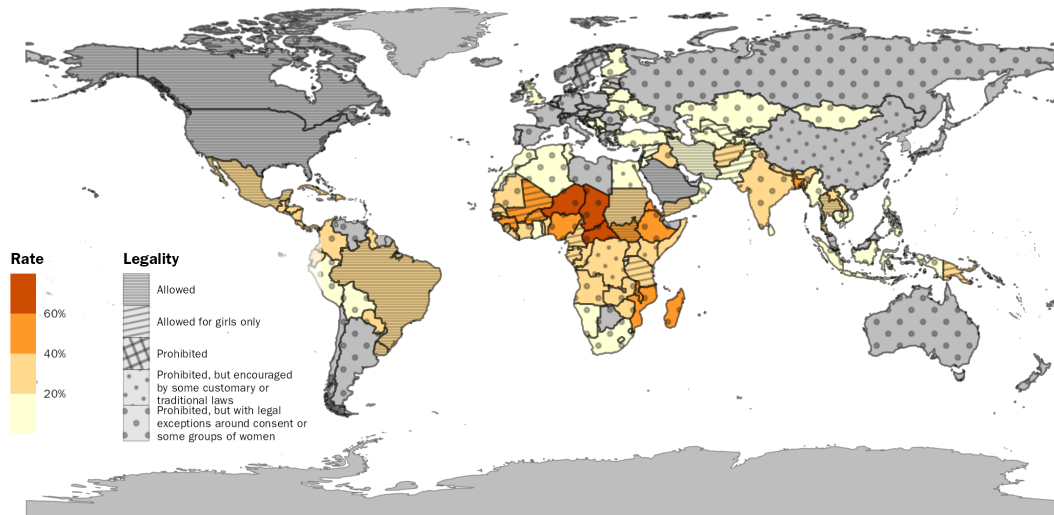
- ggpattern package
- rnaturalearth package
- QGIS software

## Limitations:

- Average Data from 2005 - 2022
- Missing Data for many countries during Covid-19 period

## CHILD MARRIAGE

% women aged 20-24 married before 18 (average 2005-2020)  
and the legal status of child marriage

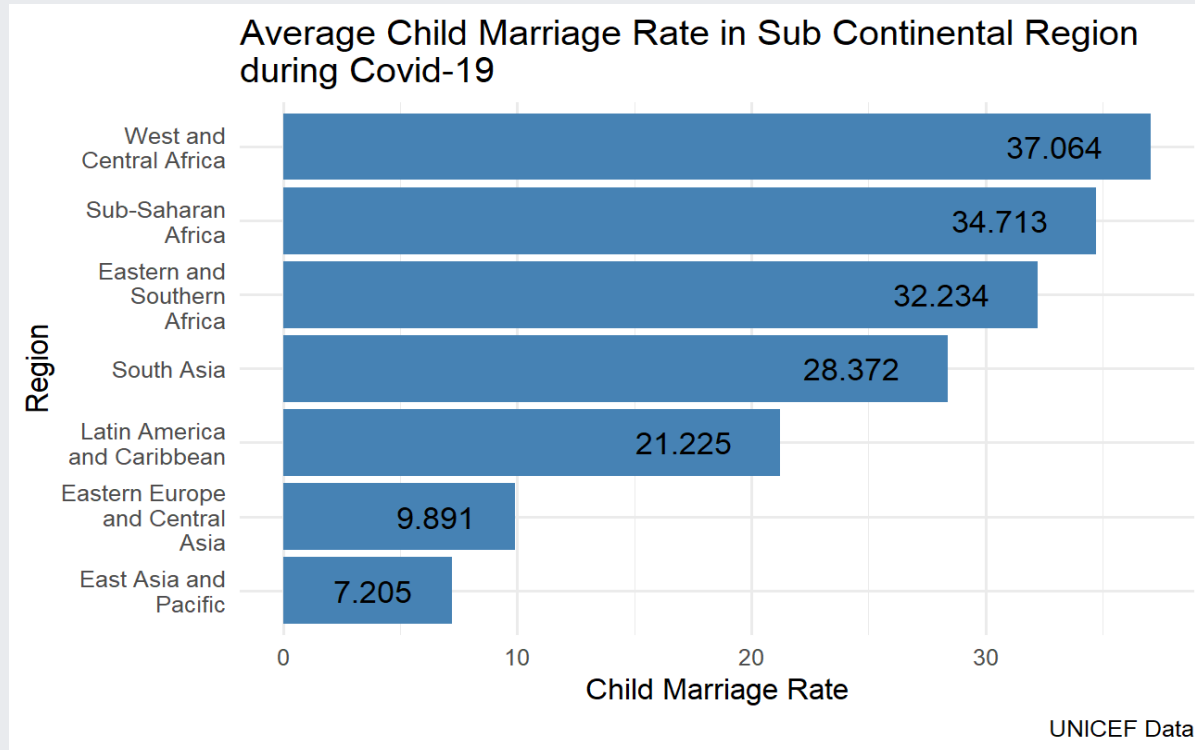


**CHART:** Ambalika Gupta & James Goldie, 360info

**DATA:** UNStats, World Bank via Our World in Data



# Topic 1: Child Marriage during Covid-19

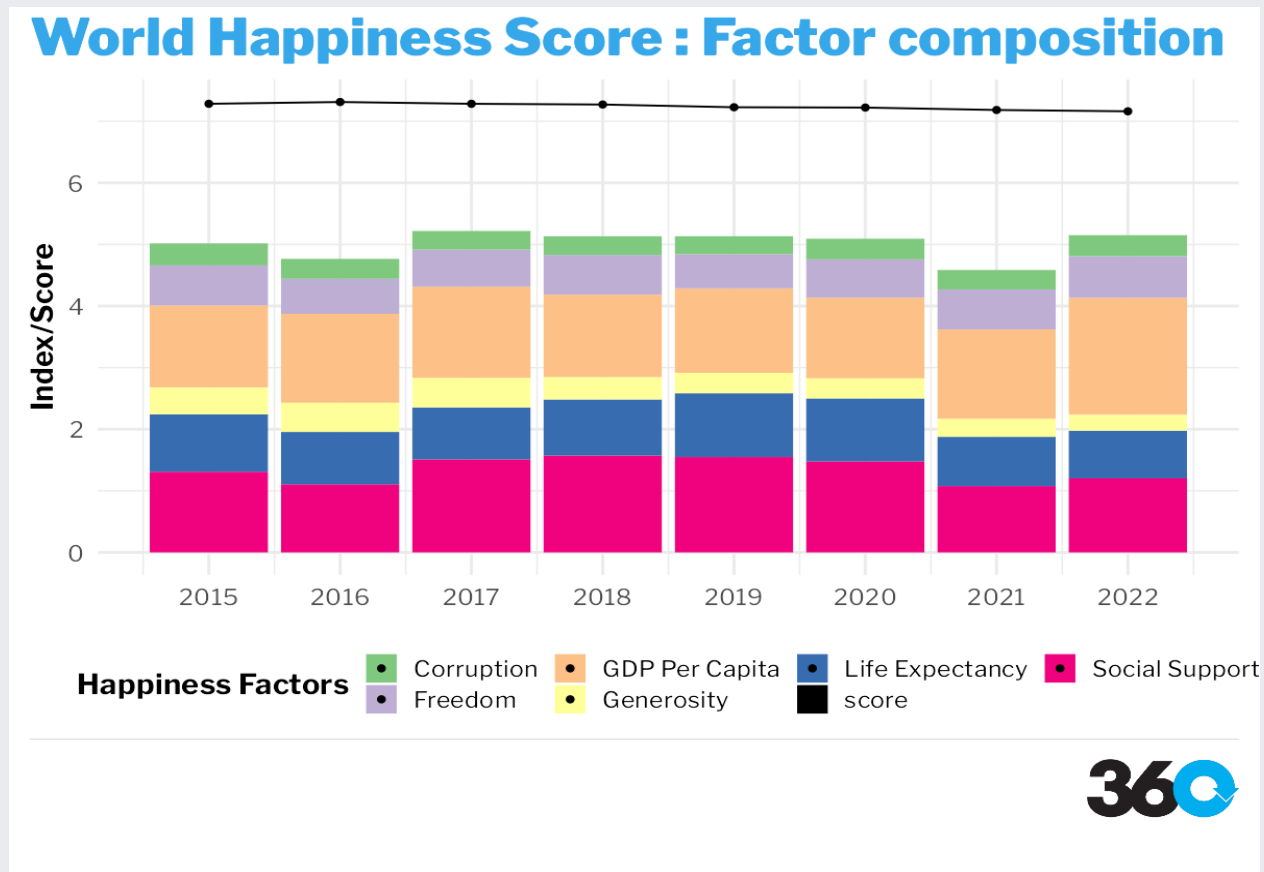


## Observations:

- In Eastern and Southern African countries like Ethiopia, Mozambique, Uganda, Congo and Zambia have the highest rate of child marriage.
- Possible reasons: School closures, Economic Distress, Service Disruptions, Parental Deaths, Lack of access to basic amenities. *Source: UNICEF Press Release*

## Topic 2: The Economics of Well-Being: Can Money buy Happiness? 😊

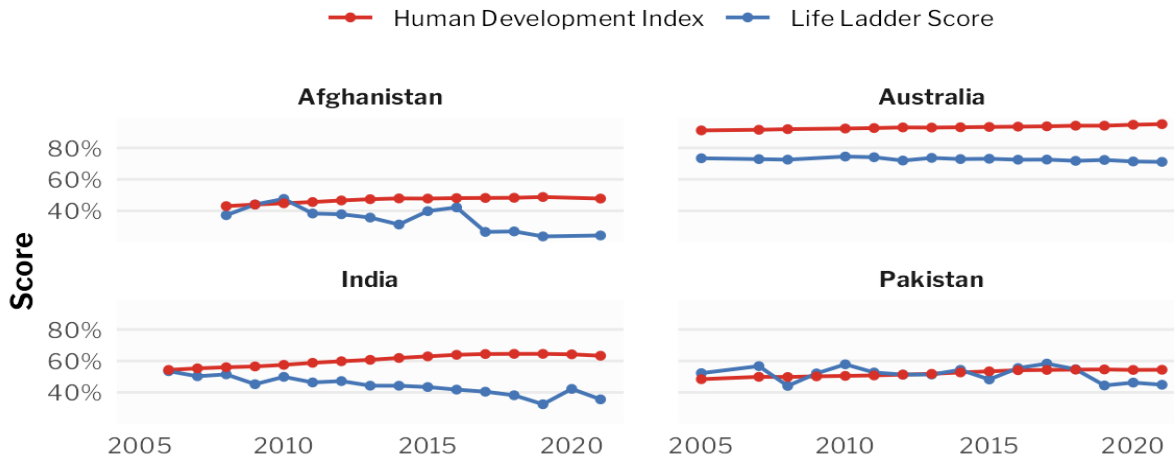
Progress of an economy cannot only be captured in terms of GDP, but should also be measured by metrics of health, education, and freedom.



# Topic 2: The Economics of Well-Being

## MEASURING WELLBEING

The UN's **Human Development Index** is a leading indicator for measuring a country's progress and includes life expectancy and income per capita. But the **Life Ladder Score**, measured by the annual World Happiness Report, asks survey respondents to rate their lives. It often tells a very different story.



**CHART:** Ambalika Gupta & James Goldie, 360info  
**DATA:** UNDP & World Happiness Report



## Observations

- 💡 Nordic Countries like Finland, Sweden, Netherlands have highest happiness score
- 💡 Afghanistan has the lowest happiness score for 2022. Followed by other South Asian and African countries. *Source: UNDP & World Happiness Report*

# Thank you for Watching!

