

# DATA INFO

## Description

### ***IS THERE AN INTENDED PURPOSE FOR THE DATASET? WHAT DOMAIN WAS IT DESIGNED FOR?***

The dataset is designed to investigate potential correlations between socio-economic indicators and casualties in the West Bank and Gaza region. Specifically, it aims to explore whether a direct correlation exists between higher percentages of the population facing socio-economic challenges, such as poverty or slum living, and an increase in casualties. The analysis will delve into the dataset, to better understand the potential impact of socio-economic conditions and casualties in the West Bank and Gaza region.

### ***WAS ANY PREPROCESSING/CLEANING/LABELING OF THE DATA DONE? IF SO, PLEASE PROVIDE A DESCRIPTION.***

When joining two datasets, there was a need for removing unnecessary columns/variables that didn't contribute to the overall story and observations, such as Palestinians and Israelis injuries from the casualties dataset. Also, from the poverty dataset, we removed the indicator codes variable and also the country codes variable.

## Composition

***DOES THE DATASET HAVE A METADATA REPOSITORY OR DATA DICTIONARY? IF YES, PLEASE PROVIDE THE LINK AND IF NOT, PLEASE EXPLAIN WHAT EACH FIELD MEANS.***

As far as repositories go. the dataset can be found here (<https://github.com/INFO-201-Fall-2023-Final/final-projects-NahomeYo.git>). The fields in the dataset include Year, Country Name, Indicator Name, Value, Month, Palestinians Killed, Israelis Killed, Poverty\_Level, Total\_Killed.

- **Year:** The year of the data entry.
- **Country Name:** The region or area (West Bank and Gaza in this case).
- **Indicator Name:** The type of indicator (Population living in slums (% of urban population)).
- **Value:** The numerical value associated with the indicator.
- **Month:** The month of the data entry.
- **Palestinians Killed:** Number of Palestinians killed.
- **Israelis Killed:** Number of Israelis killed.
- **Poverty\_Level:** The poverty level associated with the data entry.
- **Total\_Killed:** The total number of people killed.

# OBJECTIVES & ALERTS

## OBJECTIVES

- Investigate correlations between socio-economic indicators and casualties in the West Bank and Gaza region.

## ALERTS

- **FYI:** Correlation does not imply causation; additional analysis and context are required.

## OBJECTIVES

- Explore the potential direct correlation between higher percentages of the population facing socio-economic challenges and an increase in casualties.

## ALERTS

- **FYI:** Geopolitical events and political instability may influence the relationship between socio-economic indicators and casualties.

## OBJECTIVES

- Consider factors, such as geopolitical events and political instability, for a thoughtful analysis.

## ALERTS

- **FYI:** The geographical setting remains constant throughout the entire year range, enhancing the relevance of contextual factors.