The Deadly Divide: Global POV of Male and Female Homicide Victims

1. Executive Summary:

The purpose of this project is to create an interactive and informative Power BI dashboard to explore global patterns of gender-based violence through homicide data. The dashboard will include demographic trends and geographic spread, which will allow us to gain a clearer understanding of where and among whom homicides and femicides are highest.

2. Problem Statement:

Background:
Intentional homicide remains a major global concern, claiming hundreds of thousands of lives annually. While often discussed through the lens of crime rates, deeper insights into **gender-based patterns** in homicide victims are frequently overlooked. Understanding **how homicide impacts men and women differently** across regions and demographics is crucial for shaping effective prevention policies and public awareness.
Objective:
Develop a Power BI dashboard that visually explores global patterns in intentional homicide, focusing on comparisons between male and female victims. The dashboard will provide interactive insights into how gender, citizenship, and regional context influence homicide victimization.
Scope:
Using 2017-2023 data disaggregated by sex, citizenship status, region, and subregion, this project will deliver a comprehensive visual analysis of homicide victim counts. It will include filters for key demographics and highlight regional trends and gender disparities, making the findings accessible for policymakers, researchers, and the general public.

3. Data Sources:

Primary Data: United Nations or CTS dataset on arrests and deaths due to violence, disaggregated by sex, age, region, and citizenship (user-provided structured CSV data).

4. Methodology:

Data Cleaning: Remove nulls, unify category values, and standardize region/country names in Excel or Power Query.
Data Integration: Import the cleaned dataset into Power BI and create relevant relationships if needed (e.g., region to subregion).
Dashboard Design: Use visuals such as bar charts, maps, and slicers to represent femicide distribution across demographics and geography.
Interactivity: Allow filters by year, region, citizenship, and sex to enable exploratory analysis.

5. Expected Outcomes:

1. A clear visual breakdown of homicide counts by region and demographic variables.
2. Comparison of how women and men are been affected by the crimes.
3. Increased awareness and understanding of how femicide varies across global regions.
4. A dashboard that can assist researchers or NGOs in presenting their advocacy or research visually.

6. Tools and Technologies:

- Power BI for dashboard development
- Excel / Power Query for data cleaning
- DAX for calculated metrics (e.g., rates per 100,000 if population is available)

7. Risks and Challenges:

Limited or incomplete data for certain countries or regions.
Underreporting of femicide incidents in some regions may affect data reliability.
Interpreting sensitive data in a neutral, ethical, and impactful way.

8. Conclusion:

This project will produce a visually impactful and data-driven dashboard analysing homicide statistics globally. By presenting key trends in an accessible format, it aims to support awareness, advocacy, and policy development in addressing violence against both genders. The use of Power BI ensures a professional and interactive user experience for stakeholders.