Project Name: "Influence of Organised Crime on Local Economies"

Group Members:

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1. Problem Analysis

- **Objective**: To explore and quantify the impact of mafia activities on local economies, including effects on businesses, employment rates, and public spending.

- **Significance**: Understanding the economic consequences of organized crime can inform policy decisions, law enforcement strategies, and community support programs.

- **Research Questions**:

  o How do mafia activities correlate with local business performance?

  o What is the relationship between crime rates and employment levels in areas with known mafia presence?

  o How does public spending change in response to mafia influence on local governance?

2. Related Work

- **Literature Review**: Summarize existing research on organized crime's economic impact, including:

  o Studies that have examined organised crime influence on local businesses and economies.

  o Historical accounts of mafia involvement in economic activities, such as extortion or protection rackets.

  o Analysis of case studies from different regions and their economic outcomes related to mafia activities.

3. Dataset and Preprocessing

- **Dataset**:

  o **Economic Data**: U.S. Bureau of Economic Analysis (BEA), local Chambers of Commerce, and the U.S. Census Bureau.

  o **Crime Data**: FBI UCR statistics, local police department reports, and Bureau of Justice Statistics for crime trends in mafia-affected areas.

  o **Public Spending**: Local government budgets and expenditures from municipal finance reports.

4. Model and Techniques

- **Statistical Analysis Techniques**:

- o **Regression Analysis**: To assess the impact of mafia activities on economic indicators like business revenue and employment rates.

- o **Correlation Analysis**: To explore relationships between crime rates and economic performance metrics.

- o **Time Series Analysis**: If data over time is available, analyze trends in economic indicators before and after documented mafia activities.

Data Visualization:

- Heat Map
- Scatter Plot
- Bar Charts