Project Proposal: Team 2

# Project Title:

Interactive Map of State of Ohio Drug Overdose Incidence and Mortality by County (2020-2023)

# Team 2 Members:

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* Maria Kabeer
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# Project Description:

This project will create an interactive, data-driven map that visualizes drug overdose incidence and mortality across counties in the state of Ohio from 2020 to 2023. The objective of the map is to provide users with an intuitive platform to explore geographic variations, trends, and the impact of drug overdoses over time. It will highlight areas with the highest rates of drug overdose deaths, as well as emerging hot spots for drug crises. Users will be able to filter by year, county, mortalities across the counties in Ohio.

# Research Question:

What are the drug overdose mortalities disparities in counties in across the state of Ohio from 2020 to 2023

# Data Sets to be Used:

# Provisional County Level drug Overdose Death sourced from the Center for Disease Control (<https://data.cdc.gov/NCHS/VSRR-Provisional-County-Level-Drug-Overdose-Death-/gb4e-yj24>)

# Rough Breakdown of Tasks:

1. **Data Cleaning**

* Remove duplicates
* Handle missing values
* Standardize data formats

1. **Database Creation**

* Set up a database to store cleaned data
* Ensure efficient querying and data retrieval

1. **Front-End Development**

* HTML File Creation: Structure the layout of the interactive map
* CSS File Creation: Design a visually appealing and responsive interface
* Folium File Creation: Implement interactive features and map functionalities

1. **Presentation Preparation**

* Develop a comprehensive presentation to showcase the project
* Include a live demonstration of the interactive map
* Highlight key findings from the research question