**Road Accident Analysis Dashboard**

**Description:**

The Road Accident Analysis Dashboard offers insights into road safety metrics by presenting key performance indicators related to road accidents. This dashboard is designed to help stakeholders analyze trends in accidents and casualties.

**Features:**

1. **Total Current Year Casualties:** Displays the total number of casualties reported for the current year.
2. **Total Current Year Accidents:** Represents the overall number of accidents that occurred in the current year.
3. **Current Year Fatal Accidents:** Shows the total number of fatal accidents reported for the current year.
4. **Current Year Serious Accidents:** Displays the number of serious accidents reported for the current year.
5. **Current Year Minor Accidents:** Represents the total number of minor accidents reported for the current year.

**Visualizations:**

* **KPI Visualizations:**
  + **Total Current Year Casualties**
  + **Total Current Year Accidents**
  + **Current Year Fatal Accidents**
  + **Current Year Serious Accidents**
  + **Current Year Minor Accidents**
* **Slicers:**
  + **Road Surface Slicer:** Allows filtering of data based on the type of road surface involved in the accidents.
  + **Weather Condition Slicer:** Enables filtering based on weather conditions at the time of the accidents.

**Data Source:**

The dataset includes road accident records detailing information such as location, time, severity, and other relevant factors contributing to road safety analysis.

**Requirements:**

* Power BI Desktop (Version May 2024 or later recommended)
* No additional dependencies

**Usage Instructions:**

1. **Opening the File:** Download and open the Power BI dashboard file using Power BI Desktop.
2. **Interacting with the Dashboard:**
   * Use slicers to filter data based on road surface and weather conditions.
   * Hover over the KPIs for detailed tooltips and additional insights.
3. **Customization:** Users can customize filters to explore specific accident metrics.

**Insights:**

* The dashboard provides an overview of road safety performance for the current year based on various accident metrics.

**Future Enhancements:**

* Consider incorporating additional data sources for more comprehensive analysis.
* Explore the possibility of predictive analytics for future accident trends.