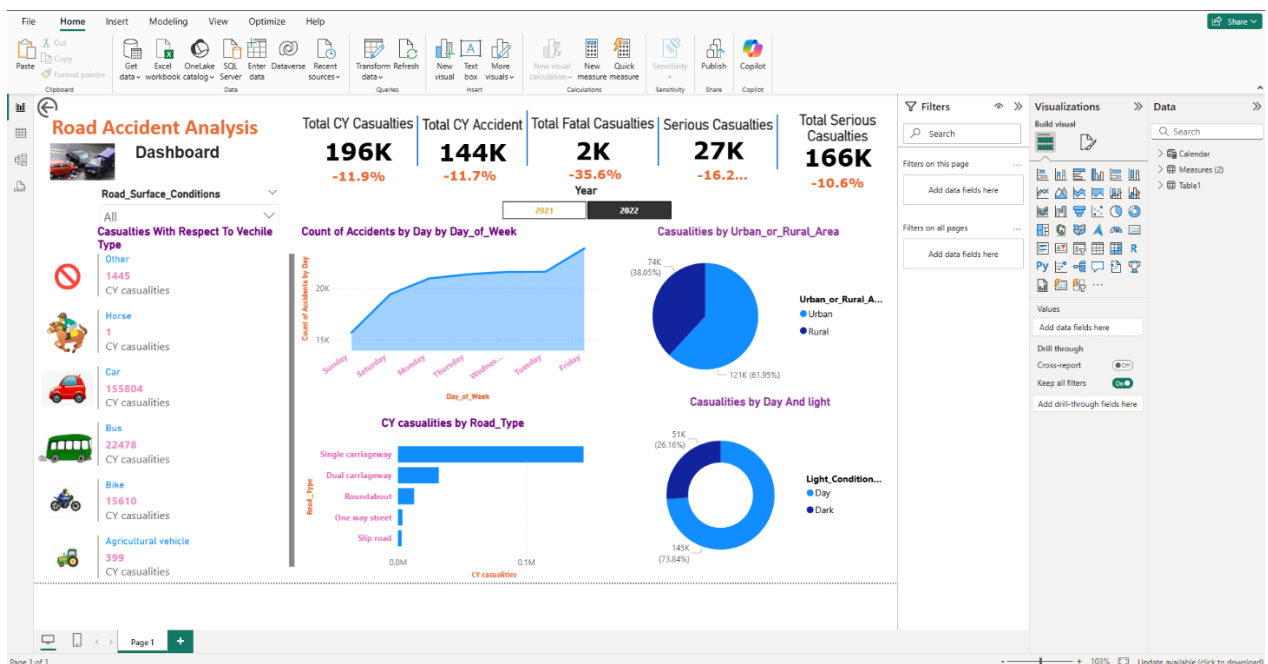# Road Accident Analysis Report
(2021-2022)

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Overview

This dashboard provides a comprehensive analysis of road accident data. It includes metrics like total casualties, accident trends by day of the week, road type, light conditions, and geographic distribution (urban/rural).

Key Insights Total CY Casualties

196K (-11.9%) Total CY Accidents: 144K (-11.7%) Total Fatal Casualties: 2K (-35.6%) Serious Casualties: 27K (-16.2%) Total Serious CY Casualties: 166K (-10.6%)

Casualties by Vehicle Type

- Car: 155,804

- Bus: 22,478

- Bike: 15,610

- Other: 1,445

- Agricultural Vehicles: 399

- Horse: 1

 Insight: Cars are the most involved vehicle in accidents

Accidents by Day of the Week

Accidents gradually increase from Sunday to Friday. Friday records the highest number of accidents.

Insight: Weekdays, especially Friday, see more traffic incidents

Urban vs Rural Casualties

- Urban: 121K (61.95%)

- Rural: 74K (38.05%)

Insight: Urban areas experience more accidents

Day vs Night Casualties

- Daylight: 145K (73.84%)

- Dark: 51K (26.16%

Insight: Most accidents occur during the day

Casualties by Road Type

- Single Carriageway: Highest

- Dual Carriageway and Roundabouts: Moderate

- Slip roads and One-way streets: Low

Insight: Single carriageways may lack sufficient traffic control.

Recommendations

1. Improve safety on single carriageways.

 2. Deploy traffic regulation measures in urban areas.

3. Run awareness campaigns focused on car drivers.

4. Increase road safety surveillance on Fridays