ROAD ACCIDENT ANALYSIS

Key Performance Indicators (KPIs) Requirements:

1. Total CY (Current Year) casualties and YoY Casualties – Total number of Casualties and Accidents for Current Year and Year on Year growth
2. CY Accidents – Total number of Accidents for Current Year and YOY growth
3. CY Fatal Casualties and YoY growth in Fatal Casualties
4. CY serious Casualties and YoY growth in Serious Casualties
5. CY Slight Casualties and YoY growth in Slight Casualties

Charts

1. Current Year Casualties by Vehicle Type
   Chart Type: Card
   Segments: Type of Vehicle (Agricultural, Bus, Car, van, Bike and Others)

2. CY Casualties vs PY Casualties over Monthly Trend
   Chart Type: Area Chart
   Metrix: Number of Casualties
   X -axis: Months
   Y – axis: Metrix Value
   Secondary Y – axis: CY & PY (2021 & 2022)

3. CY Casualties by Urban and Rural
   Chart Type: Donut Chart
   Segment: Urban & Rural

4. CY Casualties by Road type
   Chart Type: Bar Chart
   X – axis: Number of CY Casualties
   Y – axis: Road Type (Single Carriageway, Dual Carriageway, Oneway street, Slip Road)

5. CY Casualties by Light Condition
   Chart Type: Donut Chart
   Segment: Day and Dark

6. Casualties by Location
   Chart Type: Map Chart
   Metrix: Number of CY Casualties

ROAD ACCIDENT ANALYSIS

Road Surface: All

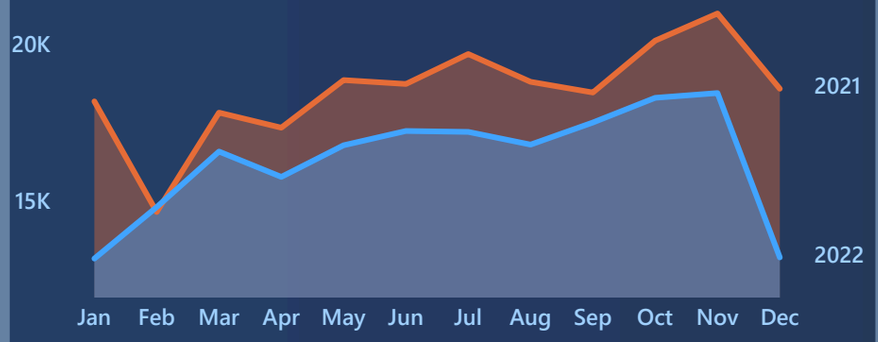
Weather condition: All

Total CY Casualties	CY Accidents	CY Fatal Casualties	CY Serious Casualties	CY Slight Casualties
195.7K	144.4K	2.9K	27.0K	165.8K
-11.9%	-11.7%	-33.3%	-16.2%	-10.6%

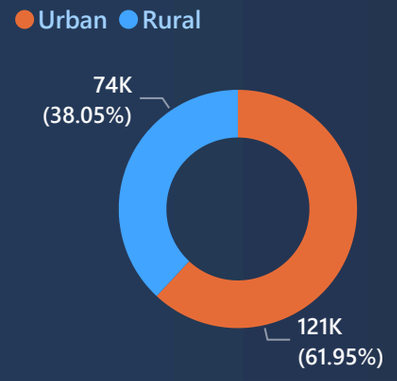
CY Casualties by Vehicle

Agricultural	399
Bike	15610
Bus	6573
Car	155804
Others	1446
Van	15905

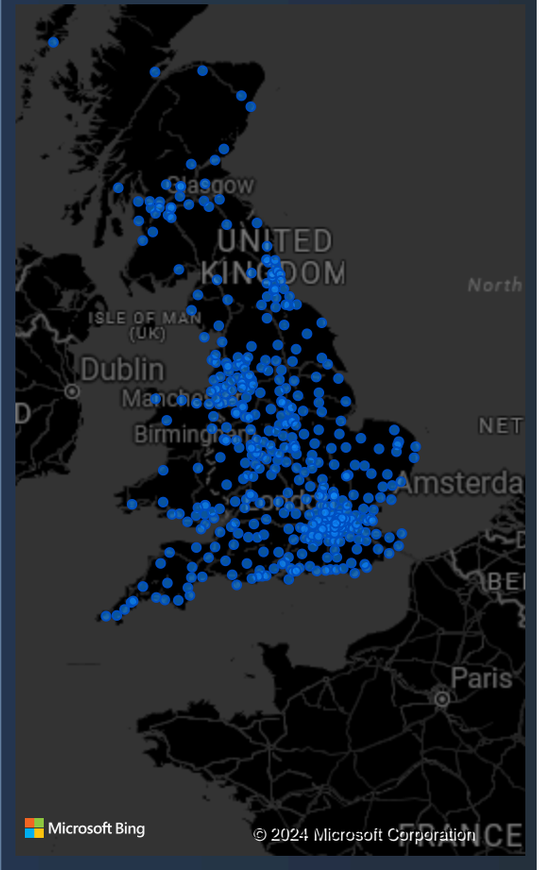
CY Casualties vs PY Casualties over Monthly Trend



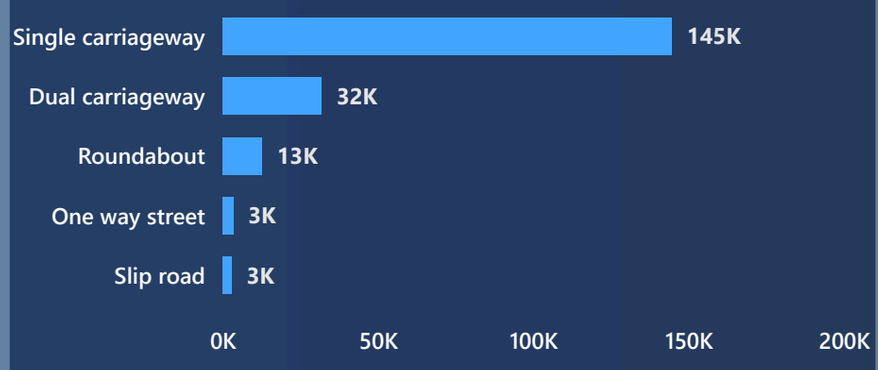
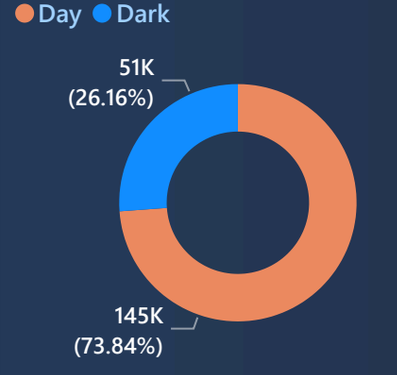
CY Casualties by Urban/Rural



Casualties by location



CY Casualties by Road_Type



CY Casualties by Light Condition