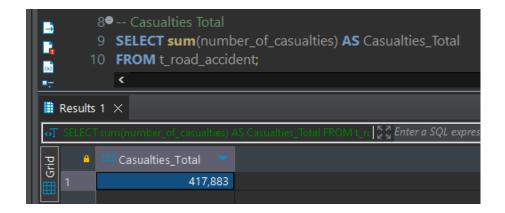
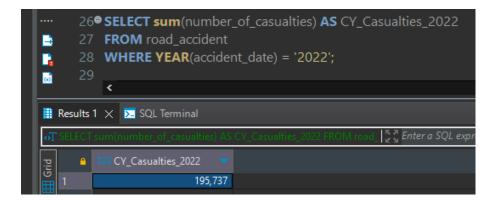
# Road Accident Analysis SQL Queries **REPORT**

Primary KPI - Total Casualties taken place after the accident

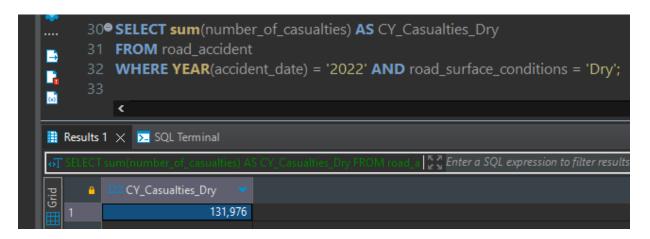
#### Total Casualties 417 883



## CY Casualties 195 737



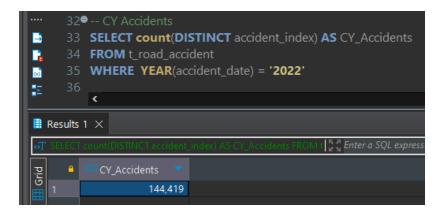
# CY Casualties Dry 131 976



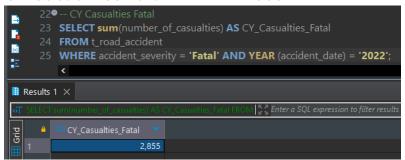
Primary KPI's — Total Casualties & percentage of total with respect to accident severity and maximum casualties by type of vehicle

#### CY Accidents

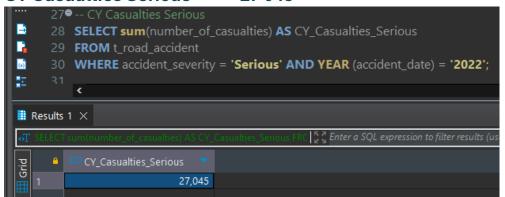
#### 144 419



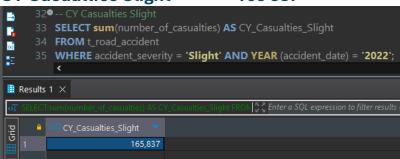
#### CY Casualties Fatal 2 855



#### CY Casualties Serious 27 045



# CY Casualties Slight 165 837

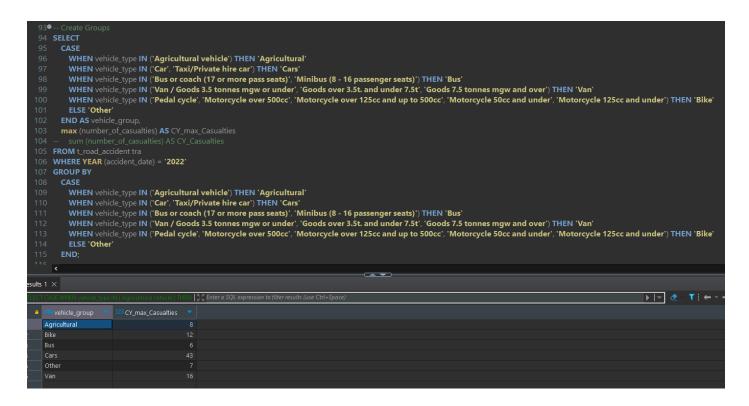


#### **Total Casualties in %**

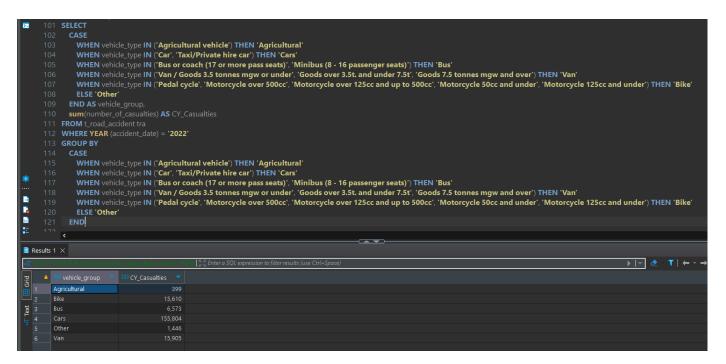
#### CY Casualties in %

```
68 SELECT round(sum(number_of_casualties) * 100 / (SELECT sum(number_of_casualties) FROM t_road_accident
      69 WHERE YEAR(accident_date) = '2022'), 2) AS CY_PCT_Slight
      70 FROM t_road_accident
      71 WHERE accident_severity = 'Slight'
      72 AND YEAR(accident_date) = '2022';
       75® SELECT round(sum(number_of_casualties) * 100 / (SELECT sum(number_of_casualties) FROM t_road_accident
      76 WHERE YEAR(accident_date) = '2022'), 2) AS CY_PCT_Serious
      77 FROM t_road_accident
       78 WHERE accident_severity = 'Serious'
      79 AND YEAR(accident_date) = '2022';
      82° SELECT round(sum(number_of_casualties) * 100 / (SELECT sum(number_of_casualties) FROM t_road_accident
           WHERE YEAR(accident_date) = '2022'), 2) AS CY_PCT_Fatal
       84 FROM t_road_accident
      85 WHERE accident_severity = 'Fatal'
      86 AND YEAR(accident_date) = '2022';
į.
Results 1 X
                                                Enter a SQL expression to filter results (use Ctrl+Space
                      84.72
```

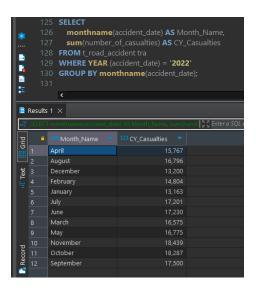
## **Create Groups**

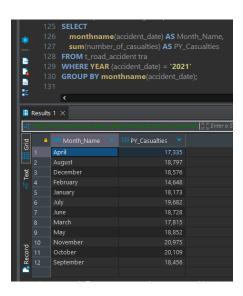


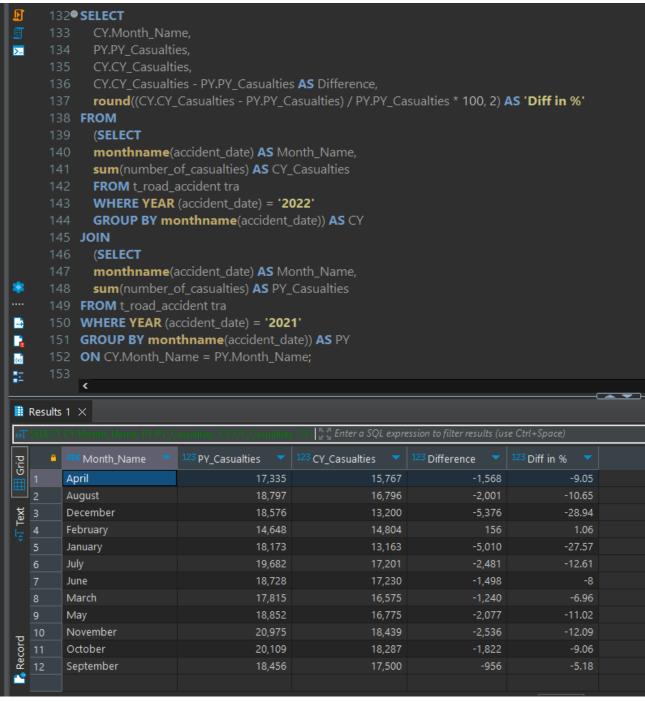
Secondary KPI's - Total Casualties with respect to vehicle type



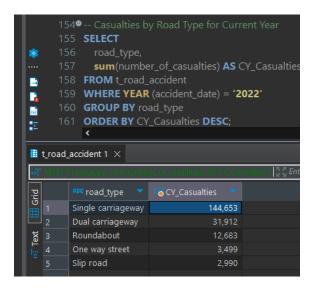
Monthly trend showing comparison of casualties for Current Year and Previous Year



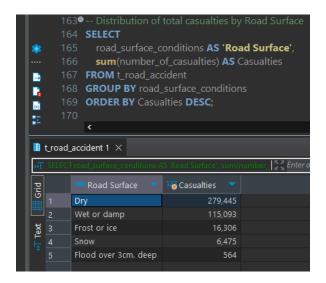




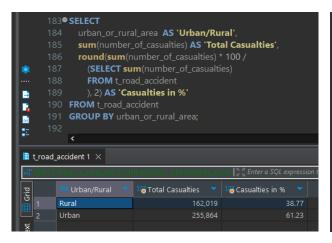
#### Casualties by Road Type for Current Year

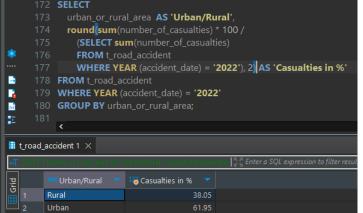


#### Distribution of total casualties by Road Surface

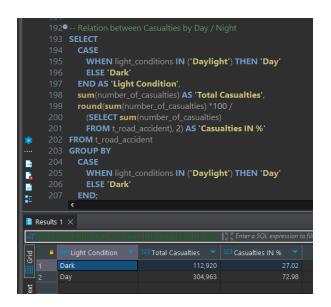


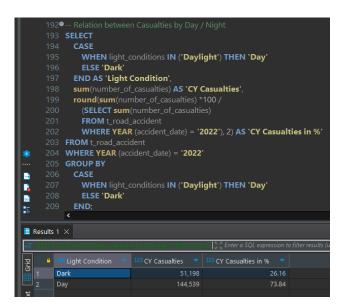
#### > Relation between Casualties by Area/ Location





#### Relation between Casualties by Day/ Night





#### Top 10 locations by number of Casualties

