ROAD ACCIDENT REPORT SQL QUERIES

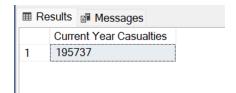
Total Casualties

select SUM(number_of_casualties) 'Total Casualties' from road_accident



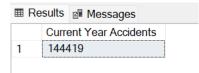
Current Year Casualties

select SUM(number_of_casualties) 'Current Year Casualties' from road_accident
where YEAR(accident_date)='2022'



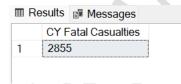
Current Year Accidents

select count(distinct accident_index) 'Current Year Accidents' from road_accident
where YEAR(accident date)='2022'



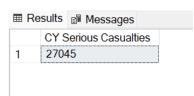
CY Fatal Casualties

select SUM(number_of_casualties) 'CY Fatal Casualties' from road_accident
where YEAR(accident_date)='2022' and accident_severity='Fatal'



CY Serious Casualties

select SUM(number_of_casualties) 'CY Serious Casualties' from road_accident
where YEAR(accident_date)='2022' and accident_severity='Serious'

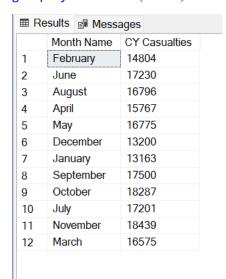


CY Slight Casualties

select SUM(number_of_casualties) 'CY Slight Casualties' from road_accident
where YEAR(accident_date)='2022' and accident_severity='Slight'

Current Year Trend of Casualties

select DATENAME(MONTH,accident_date)'Month Name',SUM(number_of_casualties)'CY
Casualties'
from road_accident
where YEAR(accident_date)='2022'
group by DATENAME(MONTH,accident_date)



Previous Year Trend of Casualties

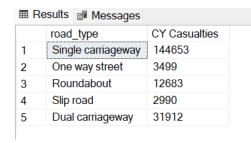
select DATENAME(MONTH,accident_date) 'Month Name',SUM(number_of_casualties) 'PY
Casualties'
from road_accident

where YEAR(accident_date)='2021'
group by DATENAME(MONTH,accident_date)

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	Month Name	PY Casualties
1	February	14648
2	June	18728
3	August	18797
4	April	17335
5	May	18852
6	December	18576
7	January	18173
8	September	18456
9	October	20109
10	July	19682
11	November	20975
12	March	17815

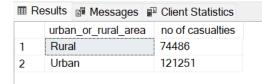
Casualties by Road Type

select road_type,SUM(number_of_casualties) 'CY Casualties 'from road_accident
where YEAR(accident_date)='2022'
group by road_type



Casualties by Urban/Rural

select urban_or_rural_area,sum(number_of_casualties) ' no of casualties'from
road_accident
where YEAR(accident_date)='2022'
group by urban_or_rural_area



Casualties by Location

select top 10 local_authority,SUM(number_of_casualties)'Total_Casualties'
from road_accident
group by local_authority
order by Total_Casualties desc

