**Data analytics project on Road accidents**

**REQUIREMENT:**

Clients wants to create a Road Accident Dashboard for year 2021 and 2022 so that they can have insight on the below requirements-

**Primary KPI**

* Total causalities taken place after the accident

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* Total casualities & percentage of total with respect to accident severity and maximum casualities by type of vehicle

**Secondary KPI -**

* + - Total causalities with respect to vehicle type
    - Monthly trend showing comparison of casualities for current year and previous year
    - Maximum casualities by road type
    - Distribution of total casualities by road surface
    - Relation between casualities by area / location & by day / night

**STAKEHOLDER:**

* Ministry of transport
* Road transport department
* Police force
* Emergency services department
* Road safety corps
* Transport operators
* Traffic management agencies
* Public
* Media

**METADATA:**

* + - File extension - .xlsx
    - No of rows – 3.07 million
    - No of fields - 21

**STEP 1:**

Data cleaning