STEPS IN PROJECT

* Requirement Gathering
* Stakeholders in Project
* Raw Data Overview
* Connecting Data with Power BI
* Data Cleaning
* Data Processing
* Data Modelling
* Background Design in Power Point
* Data Visualization/ Charts Design
* Report/ Dashboard Building
* Insights

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 Casualties and Total Accident values for Current Year and YoY growth ®
* Primary KPI's — Total Casualties by Accident Severity for Current Year and YoY growth
* Secondary KPI's - Total Casualties with respect to vehicle type for Current Year
* Monthly trend showing comparison of casualties for Current Year and Previous Year
* Casualties by Road Type for Current year
* Current Year Casualties by Area/ Location & by Day/ Night
* Total Casualties and Total Accidents by Location

STAKEHOLDERS :

* Ministry of Transport
* Road Transport Department
* Police Force
* Emergency Services Department
* Road Safety Corps
* Transport Operators
* Traffic Management Agencies
* Public
* Media

POWER BI FUNCTIONALITIES

* How to connect to raw data/ flat file
* Data Cleaning in Power Query
* Data Processing
* Time Intelligence Function/ Calendar Date Table in Power BI
* Data Modelling (Relationship between multiple tables)
* YTD and YoY Growth Calculations using DAX
* KPI and Advanced KPI Generations
* Creating custom columns and measures in the reports
* Importing Images
* Creating different charts and generating insights
* Export the Report to users