STEPS IN PROJECT

- ➢ **Requirement Gathering**
- ➢ **Data Overview**
- ➢ **Connecting Data with Power bi**
- ➢ **Data Cleaning**
- ➢ **Data Modeling**
- ➢ **Background Design in Power Point**
- ➢ **Data Visualization and Charts Designs**
- ➢ **Dashboard Building**
- ➢ **Insights**

REQUIREMENT

Clients want 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 - Total Casualties By Accident Severity for Current Year and YOY growth.**
- ❖ **Secondary KPI – Total Casualties with respect to vehicle type for Current year**
- ❖ **Monthly Trend showing compression of casualties for current year and previous year.**
- ❖ **Casualties By Road type for current year.**
- ❖ **Current year casualties by Area wise**
- ❖ **Current year casualties by Location wise**
- ❖ **Current year casualties by Day/Night wise**
- ❖ **Total Accident and Total casualties by Location**

POWER BI FUNCTIONALITES

- **How to connect a raw data in power bi**
- **Data Cleaning in power query**
- **Data Processing**
- **Create a calendar table by using time intelligence function**
- **Data Modeling (Relationship b/w Multiple tables)**
- **YTD and YoY Growth calculation by using DAX Expressions**
- **KPI and Advance KPI generation**
- **Creating Custom Column**
- **Creating a Calculated measures**
- **Import images**
- **Creating a different Charts for visualization**