CAR ACCIDENT SEVERITY PREDICTION

-GANAPATHI BALAJI

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PROBLEM DEFINITION - BACKGROUND

- World Health Organization (WHO) reported that more than **1.25 million** people die each year while **50 million** are injured as a result of road accidents worldwide

- Road accidents are the **10**th leading cause of death globally

- On current trends, road traffic accidents are to become the **7**th leading cause of death by **2030** making it a major public health concern

- Between the years 2005 and 2016, there were roughly **2 million** road accidents reported in the United Kingdom (UK) alone of which **16,000** were fatal

PROBLEM DEFINITION - OBJECTIVE

- Used the Traffic Accidents dataset obtained from *Kaggle's* data repository to:

  - **Identify factors** responsible for most of the reported accidents

  - Build a **predictive model** capable of accurately determining the severity of an accident based on a set of input factors

  - Provide recommendations to <u>Department of Transport</u> - to improve road safety policies and prevent accident recurrences where possible

Thank You