**Accident Severity Prediction Project**

**Introduction**

Accident analysis and prediction has become a significant field of research considering its impact on public safety. There were 1.35 million road traffic deaths globally in 2016, according to WHO.[[1]](#footnote-1) Understanding the most relevant factors contributing to road accidents is of utmost importance to improve road safety. Machine-learning modeling is a powerful and popular approach to accident analysis and prediction. The objective of this project is to develop the best classification model to accurately predict the severity of an accident based on given conditions.

1. https://www.who.int/gho/road\_safety/mortality/en/ [↑](#footnote-ref-1)