Capstone Project - Car accident severity

Introduction: Business Problem

- Say you are driving to another city for work or to visit some friends. It is rainy and windy, and on the way, you come across a terrible traffic jam on the other side of the highway. Long lines of cars barely moving. As you keep driving, police car start appearing from afar shutting down the highway.

Introduction: Business Problem

- It is an accident and there's a helicopter transporting the ones involved in the crash to the nearest hospital. They must be in critical condition for all of this to be happening. Now, wouldn't it be great if there is something in place that could warn you, given the weather and the road conditions about the possibility of you getting into a car accident and how severe it would be, so that you would drive more carefully or even change your travel if you are able to.

Data benefit

By looking at variables such as :
- road considion
- light condition
- weather
- speend
- Lane

we can build a model to see if the variables abovementioned will affect severity of traffic accident.

Conclusion

- This model provide empirical evidence against speeding and road conditions