A description of the problem and a discussion of the background. (15 marks)

* To complete capstone, you will be working on a case study which is to predict the severity of an accident. 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. Oh, 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.

A description of the data and how it will be used to solve the problem. (15 marks)

* Existing collision report

A link to your Notebook on your Github repository, showing your code. (15 marks)

* <https://github.com/MrVJPman/Coursera_Capstone/blob/master/Applied%20Data%20Science%20Capstone.ipynb>

A full report consisting of all of the following components (15 marks):

* Introduction where you discuss the business problem and who would be interested in this project.
* Data where you describe the data that will be used to solve the problem and the source of the data.
* Methodology section which represents the main component of the report where you discuss and describe any exploratory data analysis that you did, any inferential statistical testing that you performed, if any, and what machine learnings were used and why.
* Results section where you discuss the results.
* Discussion section where you discuss any observations you noted and any recommendations you can make based on the results.
* Conclusion section where you conclude the report.

3. Your choice of a presentation or blogpost. (10 marks)