1. A description of the problem and a discussion of the background. (**15 marks**)
   * Using historical data of previous traffic accidents to predict and warn drivers ahead of a potential accident they may be heading toward. I will try to create an alert that predicts based on known outcomes such as road, light and weather conditions.
2. A description of the data and how it will be used to solve the problem. (**15 marks)**
   * The data set provided for this study contains over 194,000 traffic accidents and labeled fields that will be key to helping predict weather conditions are ideal for driving or if avoidance of an area/specific conditions should be alerted on. These fields contain, lighting, weather, road conditions, as well as, severity of the accident, what type of object was hit or description of impact. The data also contains lat-long coordinates (columns “X”,”Y” respectively) which could be used to create a mapping of the accidents, which in an advanced program could be used to program into your vehicle’s GPS to recommend said locations during met conditional periods of high risk.