**Introduction/Business Problem**

**Road accidents are a big problem for the local authorities, emergency staff and also the people travelling on road near the accident sites. We look to build a system that takes in the road, environment and neighbourhood conditions and lets the user know the risk of their travel that day.**

**Data**

**To solve the problem at hand we use the data from Seattle city as our basis for development of the model. We make a assumption that the data is a good generalisation of driving and accident patterns for the whole country.**

**Data set comes SDOT Traffic Management Division, Traffic Records Group database of all accidents in Seattle. Data has 194673 entries and consists of 37 feature fields.**