

- 1. Dataset description:** We have used the weekly updated traffic dataset provided by Seattle government that contains road accident and corresponding severity based on the different attributes.
- 2. Approach to solve the problem:** Our target variable is 'SEVERITYCODE' because it measures the severity of an accident. The attributes used to measure the severity of accidents are 'WEATHER', 'ROADCOND', and 'LIGHTCOND' as we have more data in these attributes which will help to build the model for collision severity detection. Also, it will be helpful to alert the end user to be careful while driving on roads.