**Data**

A comprehensive dataset of over 190,000 observations collected occurring between 2004–2019 in the Seattle city area was obtained from the Seattle Open Data Portal. The dataset has almost 40 columns describing the details of each accident including the weather conditions, collision type, date/time of accident and location. To accurately build a model to prevent future accidents and/or reduce their severity, we will use the following attributes — ADDRTYPE, WEATHER, ROADCOND, VEHCOUNT, PERSONCOUNT.