Introduction

In our daily life, there often happens collision in our cities. The bad weather, the bad road conditions, and so on factors could lead to traffic accidents. Usually, some severe traffic accidents may cause big traffic jams. It is necessary to take timely actions to prevent or reduce traffic congestions. But how? From the brief report from the privies, the weather report, the conditions of the position, and so on, the information may help instructors make predictions. If there may happen a severe collision, traffic station could cut down the car flow and prevent more cars from driving in the accident position. Therefore, a prediction model is needed to evaluate the severity of specific collisions.