

DATA

Data for this study was collected by the Seattle Police Department and recorded by Traffic Records Group which consist of collisions (traffic accident) data from 2004 to present. You can find the Dataset by [Clicking Here](#).

The dataset contains 194,673 rows and 37 columns (features). The predictor or target variable will be 'SEVERITYCODE' because it is used to measure the severity of an accident. The feature description of the dataset can be found by [Clicking Here](#).

Example of the Dataset.

```
1 data = pd.read_csv('Data-Collisions.csv')
2 data.head()
```

SEVERITYCODE		X	Y	OBJECTID	INKEY	COLDKEY	REPORTNO	STATUS	ADDRTYPE	INTKEY	...	ROADCOND	LIGHTCOND
0	2	-122.323148	47.703140	1	1307	1307	3502005	Matched	Intersection	37475.0	...	Wet	Daylight
1	1	-122.347294	47.647172	2	52200	52200	2607959	Matched	Block	NaN	...	Wet	Dark - Street Lights On
2	1	-122.334540	47.607871	3	26700	26700	1482393	Matched	Block	NaN	...	Dry	Daylight
3	1	-122.334803	47.604803	4	1144	1144	3503937	Matched	Block	NaN	...	Dry	Daylight
4	2	-122.306426	47.545739	5	17700	17700	1807429	Matched	Intersection	34387.0	...	Wet	Daylight

5 rows x 38 columns