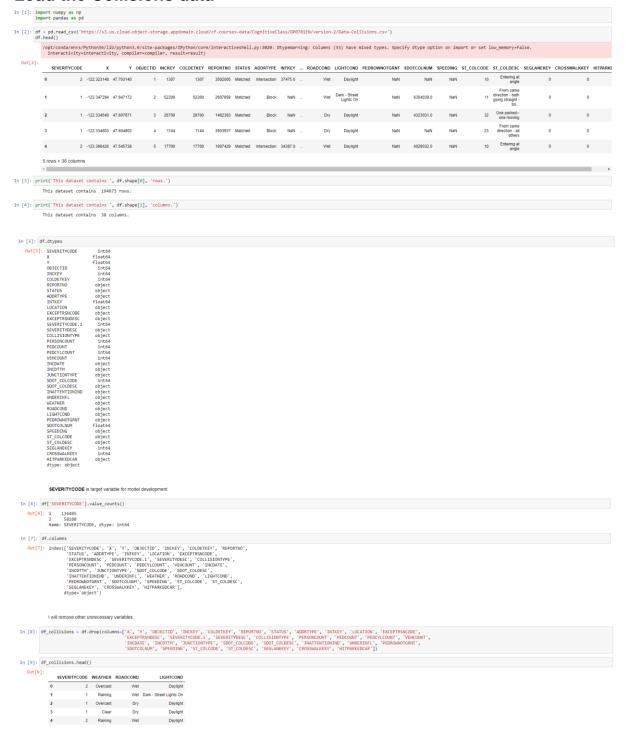
Data Understanding

In this project I will load a dataset regarding to collisions provided by Coursera – IBM Data Science Course.

Load the Collisions data



Replace null value

Converting string value to integer

Converting string value to number value for WEATHER attribute



In [28]: df_collisions['MEATHER'].replace(to_replace-['Clear', 'Raining', 'Overcast', 'Unknown', 'Snowing', 'Other', 'Fog/Smog/Smoke', 'Sleet/Mail/Freezing Rain', 'Blowing Sand/Dirt', 'Severe Crosswind', 'Partly Cloudy'], of_collisions['MEATHER'].value_countcy]

Out[28]: 0 111135 1 33145 2 27774 3 21772 4 997 Name: WEATHER, dtype: int64

Converting string value to number value for **ROADCOND** attribute.



In [29]: df_collisions['ROMOCND'].replace(to_replace-['Dry', 'wet', 'Overcast', 'Unknown', 'Other', 'Ice', 'Snow/Slush', 'Standing Nater', 'Sand/Mud/Dirt', 'Oll'], value-[0,1,2,2,2,2,2,2,2,1,splace-True)

df_collisions['ROMOCND'].value_counts.

Out[29]: 0 124510 1 47474 2 22689 Name: ROADCOND, dtype: int64

Converting string value to number value for LIGHTCOND attribute