

Data Screening Technical Report

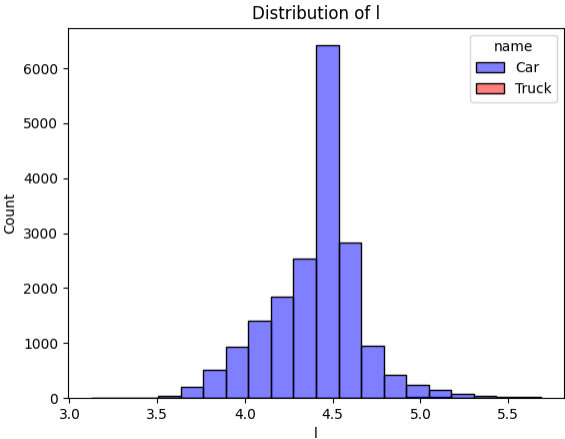
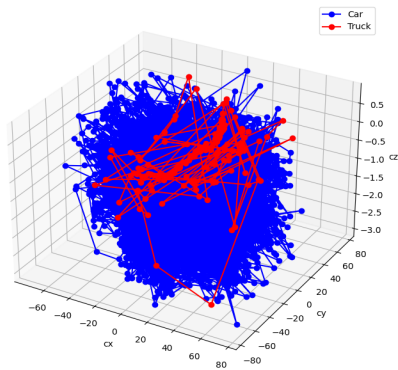
Remove Outliers Using the IQR Method

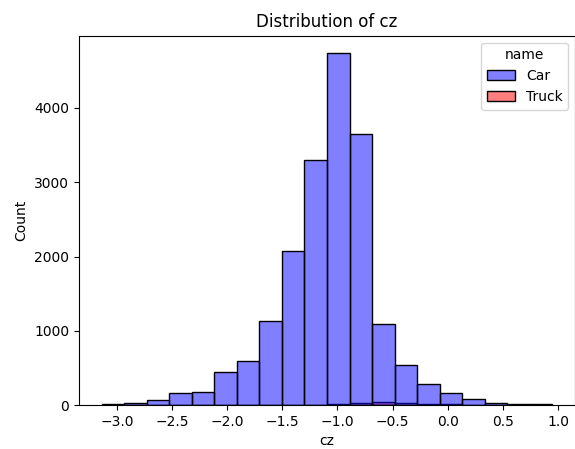
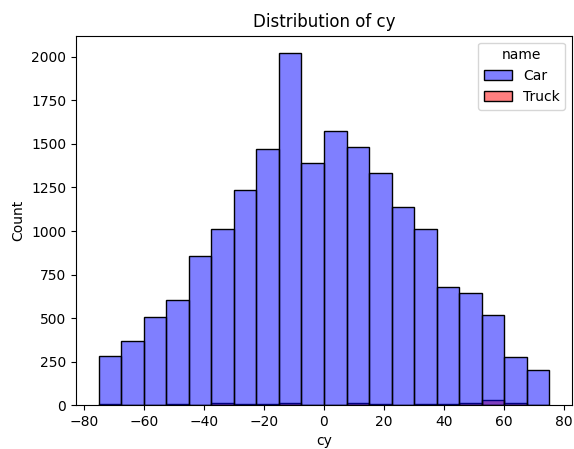
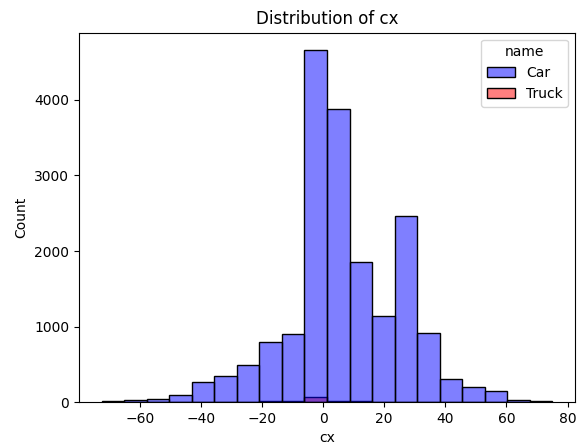
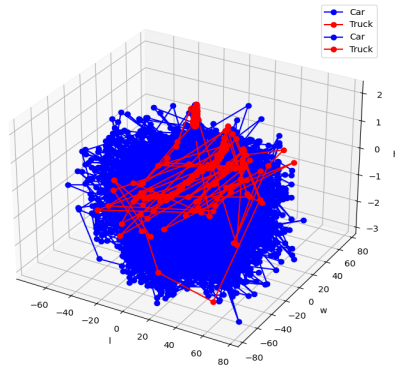
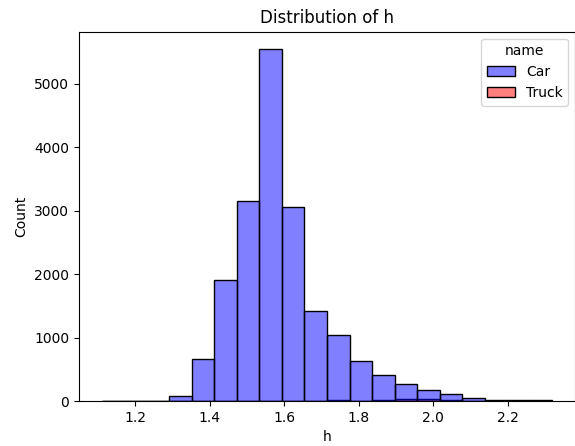
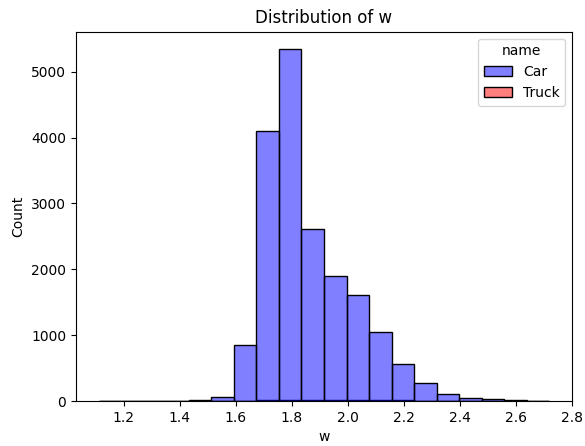
Outliers: 380 (1.99% of total data)

Statistical Descriptions of l, w, and h by Object Type

	Count	Mean	Std	Min	25%	50%	75%	Max
Car (l)	18726.0	4.4	0.28	0.8	4.26	4.45	4.54	7.29
Car (w)	18726.0	1.86	0.17	0.8	1.75	1.81	1.95	4.5
Car (h)	18726.0	1.6	0.14	0.94	1.52	1.58	1.64	3.06
Truck (l)	416.0	6.02	1.71	2.11	5.0	5.88	6.36	13.83
Truck (w)	416.0	2.28	0.38	1.43	2.0	2.26	2.54	3.61
Truck (h)	416.0	2.43	0.55	1.56	1.98	2.33	2.86	5.2

The table above displays the statistical description of length (l), width (w), and height (h) for each object type. The following images (3D trajectory and histograms) provide a visual representation of the data.





This report provides an overview of the dataset after outlier removal, including statistical descriptions and visualizations of key features. The information presented can be valuable for further data analysis, modeling, and decision-making.