

# APPENDIX B

Table 1. Dataset summary statistics

Statistic	Speed Limit	Total Meters	Speed	Mid Speed	Latitude	Longitude	Height	Course	Yaw	Lateral	Acceleration	Deceleration	Timestamp	AccelerationX	AccelerationY	AccelerationZ	AccelerationXOriginal	AccelerationYOriginal	AccelerationZOriginal
Count	26791	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629	98629
Mean	58.66	22536.83	39.74	39.67	5.04	6.36	30479.11	143.53	0.0	0.0	0.04	0.41	1.672221e+09	0.04	0.001	0.95	-0.22	5.82	3.18
Std	15.06	27324.66	33.21	31.52	0.35	0.69	9070.23	107.22	0.0	0.0	0.23	2.29	1.527820e+06	0.23	0.19	0.21	2.46	4.75	5.07
Min	50	0	0	0	4.73	3.32	-38300	0	0.0	0.0	-1.27	-12.49	1.668268e+09	-1.27	-1.49	-1.04	-18.54	-12.11	-17.75
25%	50	3461.45	11.42	11.39	4.92	6.30	25900	53.63	0.0	0.0	-0.04	-0.38	1.671183e+09	-0.04	-0.06	0.95	-1.03	0.96	-0.56
50%	50	10689.05	36.92	36.91	4.94	6.37	29400	123.94	0.0	0.0	0.00	0.001	1.673156e+09	0.00	0.00	0.99	-0.08	8.73	0.96
75%	80	30614.40	59.44	59.42	5.05	6.71	33300	234.64	0.0	0.0	0.11	1.11	1.673452e+09	0.11	0.07	1.01	0.80	9.69	9.24

Max	90	218 833. 43	23 6																
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Table 2. Target Variable Class Distribution

Influencer	Count
New Driver	41644
None	22571
Alcohol	8172
Phone	7081
Bad Road, Busy Mind, Traffic	2262
Distraction	2040
Distraction, Alcohol	2040
Fatigue	1664
Overloading, Alcohol	1424
Bad Road	1336
Alcohol, Phone	1298
Fuel Queue	996
Rash	927
Alcohol, Deasiness	852
Excitement	773
Rash, Bad Road	773
Tricycle Drivers	723
Unstable Mind	463

Phone, Overloading	442
Alcohol, Overloading, Distraction	396
Alcohol, Traffic	306
Alcohol, Overloading, Tiredness	276
Alcohol, Listening to Loud Music	170