

Time (sec)	Analog 1	Analog 2	battery_vo	coolant_temp	DOWNSTREAM_ACT	etc_throttl	intake_air	ISC_INTEG	load	lt_fuel_trim_b1	lt_fuel_trim_b2	MAF_VOLTS	o2_volts	b_pedal_position	PRES_DRO	RPM	RTLS_FPUH	sc_inlet_p	short_term_trim_b1	short_term_trim_b2	SPARK_ADVANCE	STFT_FINAL
0.1437255	8.82	14.4375	14.0625	182	122.5491	2.625	102	0	0.268951	1.011719	1	0.9326172	0.835938	11.5	44.84589	1397.429	0.481287	37	0.9620056	1.036682	32.72068	0.962006
0.1701111	9.603	14.4375	14.0625	182	122.5491	2.625	102	0	0.268951	1.011719	1	0.9326172	0.835938	11.5	44.84589	1397.429	0.481287	37	0.9620056	1.036682	32.72068	0.962006
0.2035778	8.625	14.4765	14.0625	182	122.5491	2.625	102	0	0.268951	1.011719	1	0.9326172	0.835938	11.5	44.84589	1397.429	0.481287	37	0.9620056	1.036972	32.72068	0.962006
0.2585999	9.138	14.553	14.0625	182	122.457	2.625	102	0	0.268951	1.011719	1	0.9326172	0.835938	11.5	44.84589	1397.429	0.481287	37	0.9818268	1.037399	33.02739	0.962006
0.2828251	8.877	14.514	14.0625	182	122.3649	2.625	102	0	0.268173	1.011719	1	0.9326171	0.841797	11.5	44.84589	1397.103	0.481287	37	1.001648	1.037537	33.33411	0.962006
0.3064487	9.924	14.3835	14.0625	182	122.3605	2.625	102	0	0.267395	1.011719	1	0.9326172	0.847656	11.5	44.84589	1396.778	0.481287	37	1.001968	1.037811	33.3609	0.962006
0.3775913	9.389999	14.325	14.0625	182	122.3561	2.625	102	0	0.267838	1.011719	1	0.9326172	0.852539	11.5	44.84589	1396.778	0.481287	37	1.002289	1.038086	33.3877	0.962006
0.4427074	9.864	14.34	14.0625	182	122.3561	2.625	102	0	0.26828	1.011719	1	0.9326172	0.857422	11.5	44.84589	1396.778	0.479507	37	1.003908	1.038788	33.3877	0.962006
0.4737113	9.351	14.316	14.0625	182	122.3561	2.625	102	0	0.267136	1.011719	1	0.9155273	0.862305	11.5	44.84589	1396.778	0.477727	37	1.003906	1.03949	33.3877	0.962006
0.4895882	9.186	14.427	14.0625	182	122.3561	2.625	102	0	0.266068	1.011719	1	0.8984375	0.867188	11.5	44.84589	1400.373	0.477816	37	1.003906	1.03949	33.3877	0.962006
0.5785707	9.672	14.364	14.0625	182	122.3561	2.625	102	0	0.266144	1.011719	1	0.9057617	0.867187	11.5	45.05993	1403.969	0.477904	37	1.003906	1.03949	33.3877	0.984082
0.658522	9.698999	14.277	14.0625	182	122.3559	2.625	102	0	0.266144	1.011719	1	0.9130859	0.867188	11.5	45.27397	1403.969	0.477904	37	1.003906	1.03949	33.3877	1.006159
0.674586	9.468	14.3205	14.0625	182	122.3557	2.625	102	0	0.266144	1.011719	1	0.9130859	0.867188	11.5	45.23116	1407.137	0.477904	37	1.003906	1.03949	33.3877	1.006159
0.6908699	9.759	14.3115	14.0625	182	122.3557	2.625	102	0	0.266144	1.011719	1	0.9130859	0.867188	11.5	45.18835	1411.7	0.477904	37	1.005188	1.040604	33.42317	1.006159
0.7869852	8.955	14.3895	14.0625	182	122.3557	2.625	102	0	0.266144	1.011719	1	0.913086	0.867188	11.5	45.18835	1413.095	0.477904	37	1.006943	1.04213	33.4734	1.006801
0.8027185	8.877	14.544	14.0625	182	122.3557	2.625	102	0	0.266144	1.011719	1	0.9130859	0.867188	11.5	45.18835	1413.095	0.477904	36.5	1.007904	1.042953	33.48816	1.007444
0.8910862	9.807	14.3985	14.0625	182	122.3557	2.65625	101	0	0.266144	1.011719	1	0.9130859	0.867188	11.75	45.18835	1413.095	0.477904	36	1.008392	1.043365	33.48816	1.007444
0.9083448	9.585	14.253	14.0625	182	122.3557	2.6875	100	0	0.266144	1.011719	1	0.925293	0.827148	12	45.18835	1413.095	0.477904	36	1.008392	1.043365	33.48816	1.007444
1.00222	8.859	14.3835	14.0625	182	122.3557	2.6875	99.99999	0	0.266617	1.011719	1	0.9399414	0.759766	12	45.18835	1413.095	0.477904	36	1.008392	1.043365	33.48816	1.007444
1.018252	10.038	14.3205	14.0625	182	122.3557	2.6875	99.99999	0	0.26709	1.011719	1	0.9423828	0.732422	12	45.18835	1413.095	0.479456	36	1.008392	1.043365	33.48816	1.00955
1.18706	9.186	14.301	14.0625	182	122.2595	2.6875	100	0	0.268494	1.011719	1	0.9423828	0.732422	13	45.18835	1413.095	0.481007	36	1.008392	1.043365	33.48816	1.011657
1.203174	9.632999	14.3685	14.0625	182	122.1633	2.6875	100	0	0.269898	1.011719	1	0.9448242	0.732422	14	45.14555	1413.095	0.481007	36	1.008392	1.043365	33.48816	1.011657
1.251086	9.632999	14.301	14.0625	182	122.1633	2.6875	100	0	0.269898	1.011719	1	1.057129	0.732422	14	45.10274	1413.095	0.481007	36	1.010834	1.045471	33.48816	1.011657
1.322496	9.351	14.355	14.03125	182	122.1633	5.46875	99.99999	0	0.288025	1.017578	1	1.166992	0.732422	14	45.10274	1413.095	0.481007	36	1.013275	1.047577	33.48816	1.01247
1.347253	9.75	14.3115	14	182	122.1633	8.25	100	0	0.306152	1.023438	1	1.342773	0.732422	14	46.30137	1413.095	0.481007	36	1.013443	1.047729	33.48816	1.013284
1.370638	9.216	14.331	14.03125	182	122.1633	8.28125	100	0	0.306152	1.023438	1	1.518555	0.732422	14	47.5	1439.828	0.481007	36	1.013611	1.047882	33.48816	1.01362
1.45959	9.389999	14.403	14.0625	182	122.1633	8.3125	100	0	0.306152	1.023438	1	1.518555	0.732422	14	47.5	1466.562	0.481007	36	1.014496	1.048615	27.95004	1.013957
1.514776	9.785999	14.262	14.03125	182	122.1633	16.59375	100	0	0.306152	1.023438	1	1.750488	0.732422	14	47.5	1466.562	0.481007	36	1.015381	1.049347	22.41192	1.014679
1.547372	9.072	14.316	14	182	122.1633	24.875	100	0	0.306152	1.023438	1	1.982422	0.732422	14	47.5	1466.562	0.479532	36	1.015717	1.049622	19.28579	1.015401
1.564954	9.498	14.4225	13.96875	182	122.2549	25.78125	100	0	0.306152	1.023438	1	1.982422	0.732422	26	47.5	1466.562	0.514057	36	1.016052	1.049896	16.15966	1.015401
1.627001	9.138	14.427	13.9375	182	122.3465	26.6875	100	0	0.66835	1.029297	1	1.982422	0.753418	38	47.5	1466.562	0.514057	36	1.016541	1.050293	16.15966	1.015401
1.658875	8.538	14.5815	13.9375	182	122.3465	27.3125	100	0	1.030548	1.035156	1	1.982422	0.774414	38	47.5	1466.562	0.514057	36	1.017029	1.05069	16.15966	1.016228
1.67496	8.085	14.7465	13.9375	182	122.3465	27.9375	100	0	1.084671	1.035156	1	1.982422	0.824707	38	47.5	1466.562	0.514057	36	1.017029	1.05069	16.15966	1.017055
1.731758	7.611	15.057	13.9375	182	122.3465	27.9375	100	0	1.177078	1.03125	1	1.994629	0.875	38	41.07927	1466.562	0.514057	36	1.017029	1.05069	16.15966	1.017055
1.7817	9.42	14.8335	13.9375	182	122.3465	27.9375	99.99999	0	1.215363	1.027344	1	2.006836	0.875	38	34.91488	1526.009	0.514057	36	1.017029	1.05069	16.15966	1.017055
1.843974	7.59	14.736	13.9375	182	122.3465	27.9375	100	0	1.215363	1.027344	1	2.006836	0.875	38	35.17123	1585.456	0.514057	36	1.00972	1.041824	13.33211	1.017055
1.875719	7.59	15.4815	13.9375	182	122.3465	27.9375	99.99999	0	1.215363	1.027344	1	2.021484	0.875	38	45.65925	1598.746	0.514057	36	1.002411	1.032959	10.50455	1.017055
1.892366	7.611	15.753	13.9375	182	122.3465	27.9375	100	0	1.215363	1.027344	1	2.036133	0.875	38	56.14726	1612.036	0.514057	36	1.002106	1.032715	10.26681	1.009159
1.955833	7.611	15.903	13.9375	182	122.5402	27.9375	100	0	1.215363	1.027344	1	2.036133	0.875	41	56.14726	1618.058	0.514057	67.5	1.001801	1.032471	9.90907	1.001263
1.9885	7.59	16.164	13.9375	182	122.734	27.9375	100	0	1.215363	1.027344	1	2.036133	0.875	44	56.14726	1624.079	0.514057	99	1.001389	1.032135	9.624387	1.001122
2.00382	7.611	16.179	13.9375	182	122.831	27.9375	100	0	1.215363	1.027344	1	2.036133	0.875	44	56.14726	1624.08	0.514057	99	1.000977	1.031799	9.339703	1.000981
2.059856	7.59	15.9765	13.9375	182	122.9281	27.9375	100	0	1.215363	1.027344	1	2.060547	0.467285	44	56.14726	1624.08	0.514057	99	1.000977	1.031799	9.339703	1.004432
2.099965	7.611	15.7155	13.9375	182	122.9327	27.9375	100	0	1.25795	1.017578	1	2.084961	0.05957	44	56.14726	1624.08	0.514057	99	1.000977	1.031799	9.339703	0.999883
2.115956	7.59	15.792	13.9375	182	122.9373	27.9375	100	0	1.300537	1.007813	1	2.084961	0.05957	44	50.75343	1693.77	0.514057	99	1.000977	1.031799	9.339703	0.999883
2.277117	7.611	15.7725	13.9375	182	122.9373	27.9375	100	0	1.300537	1.007813	1	2.084961	0.05957	44	45.35959	1762.083	0.514057	99	0.9996644	1.030762	9.388433	0.999883
2.324462	7.59	15.6225	13.9375	182	122.9376	27.9375	100	0	1.300537	1.007813	1	2.084961	0.05957	44.25	45.35959	1758.705	0.514057	99.00001	0.99823	1.029617	9.437162	0.999883
2.395601	7.59	15.636	13.9375	182	122.9378	27.9375	100	0	1.326889	1.003906	1	2.13623	0.056641	44								