Sensor Data Analysis Report

Statistics Summary

count	Missing Rows	Duplicates	mean	Standard Deviat
52.0	1893	1943	-2.6953120000000004	4.484218901067661e-16
1919.0	26	25	0.002182755850964044	0.0003865114438185247
1352.0	593	598	94.6490700643417	16.890624198393752
1945.0	0	0	54.80983351797892	8.493847046024449
1945.0	0	0	2504.0265711187662	63.70043608525897
1945.0	0	0	2498.736352867866	68.85444842958657
1945.0	0	0	2472.3812533583546	66.56880305434204
1945.0	0	0	2501.2851540719794	65.73497603229862
1945.0	0	0	2396.7991473706943	62.56878430128725
1945.0	0	0	2393.6296425393316	28.399429840345174
1945.0	0	0	2452.946612488946	30.437624109454827
1945.0	0	0	2449.4359809177377	30.57530125089279
1945.0	0	0	247.23411466494085	30.30911379035793
53.0	1892	1943	32.0	0.0
1485.0	460	1650	83.21389561883501	2.139446322609732
686.0	1259	1258	2.177362756602041	0.0640467185125289
1259.0	686	1865	44.3627822534869	15.58199129793809
1090.0	855	1873	41.04528178244036	14.393621541266207
64.0	1881	1941	30.125	0.3779644730092272
1471.0	474	1868	64.6408468485996	16.211081139895246
1381.0	564	1866	44.39594496741492	14.965325557836746
1183.0	762	1875	39.10681077164835	13.725935580402242
1497.0	448	1859	41.61484874511022	16.2958755252315

1944.0	1	0	796.1215005980451	26.103862374344256
52.0	1893	1943	219.7432	0.0
1944.0	1	0	-1.8236100529429013	0.13933905070471045
1766.0	179	188	8341.634896136466	786.1272294464605
1944.0	1	0	545.1814367188786	25.25786341633798
1944.0	1	1	42.14188949084877	16.36119149281746
1944.0	1	0	40.6477613267747	16.887524576122694
1945.0	0	0	2334.5453614467865	98.56605017727067
1945.0	0	0	2344.779543397944	95.21110703574065
1945.0	0	0	9.823763257409768	0.4811097600311306
1945.0	0	0	7.539802818959896	0.33691092697980185
1945.0	0	0	2.2839604384493573	0.3458470655515289
1944.0	1	0	22.886875440938272	1.5692552237001296
1657.0	288	294	0.2362587544182257	2.0560725941281834
1657.0	288	293	0.23987613145564274	2.0565157868391446
1351.0	594	593	5.86888758684974	1.2185872790775094

Sensor Health Analysis

Missing Values	Duplicates %	Outliers	Isolation Fores	One-Class SVM A
97.33	99.9	0	0	52
1.34	1.29	1	96	76
30.49	30.75	444	68	281
0.0	0.0	170	98	237
0.0	0.0	108	97	50
0.0	0.0	171	98	49
0.0	0.0	50	98	42
0.0	0.0	44	98	79

0.0	0.0	43	98	79
0.0	0.0	73	98	121
0.0	0.0	90	98	64
0.0	0.0	103	98	69
0.0	0.0	56	98	193
97.28	99.9	0	0	53
23.65	84.83	168	74	320
64.73	64.68	6	35	94
35.27	95.89	0	63	100
43.96	96.3	62	55	167
96.71	99.79	0	1	1
24.37	96.04	0	68	104
29.0	95.94	0	67	247
39.18	96.4	0	54	130
23.03	95.58	0	72	298
0.05	0.0	330	98	51
97.33	99.9	0	0	52
0.05	0.0	8	98	43
9.2	9.67	17	89	227
0.05	0.0	47	98	154
0.05	0.05	0	97	45
0.05	0.0	0	98	41
0.0	0.0	44	98	399
0.0	0.0	45	98	301
0.0	0.0	138	98	533
0.0	0.0	75	98	522
0.0	0.0	225	98	567

0.05	0.0	64	98	484
14.81	15.12	9	83	41
14.81	15.06	9	83	41
30.54	30.49	58	68	31

Model Stability Analysis

Mean MAE	MAE Variance	Mean MSE	MSE Variance
0.6770590203321111	0.000132686912318595	1.6671850711978198	0.0019008972257795781