



2.1.3

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Graphic design by [Jean-Francois Hains](#)

Train

7000
0
700.0 kb
12
7
5
0

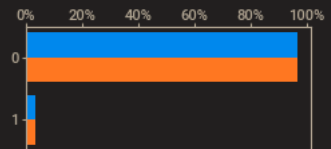
Test

ROWS 3000
DUPLICATES 0
RAM 300.0 kb
FEATURES 12
CATEGORICAL 7
NUMERICAL 5
TEXT 0

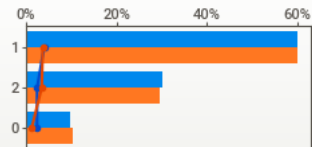
ASSOCIATIONS

ASSOCIATIONS

Mach_failure

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 2 (<1%) 2 (<1%)Train
% Mach_failureTest
% Mach_failure

Type

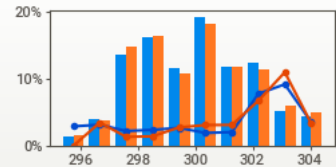
VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 3 (<1%) 3 (<1%)

Air_temp

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 92 (1%) 92 (3%)
ZEROS: ---

MAX	304.40	304.50
95%	303.50	303.50
Q3	301.50	301.50
MEDIAN	300.10	300.00
AVG	300.01	299.99
Q1	298.40	298.30
5%	297.10	297.10
MIN	295.30	295.30

RANGE	9.10	9.20
IQR	3.10	3.20
STD	1.98	2.04
VAR	3.94	4.14
KURT.	-0.821	-0.869
SKEW	0.104	0.137
SUM	2.1M	900k

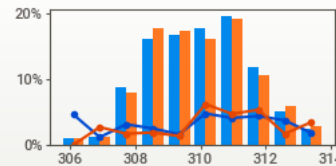


Process_temp

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 82 (1%) 81 (3%)
ZEROS: ---

MAX	313.80	313.70
95%	312.40	312.60
Q3	311.10	311.10
MEDIAN	310.10	310.00
AVG	310.01	310.00
Q1	308.80	308.80
5%	307.70	307.80
MIN	305.70	305.70

RANGE	8.10	8.00
IQR	2.30	2.30
STD	1.47	1.51
VAR	2.17	2.27
KURT.	-0.507	-0.487
SKEW	-0.005	0.059
SUM	2.2M	930k

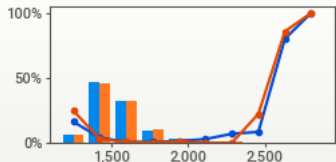


Rot_speed

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 863 (12%) 689 (23%)
ZEROS: ---

MAX	2,886	2,861
95%	1,869	1,868
Q3	1,610	1,617
AVG	1,537	1,542
MEDIAN	1,502	1,504
Q1	1,422	1,426
5%	1,332	1,331
MIN	1,168	1,202

RANGE	1,718	1,659
IQR	188	191
STD	178	181
VAR	31,827	32,879
KURT.	7.38	7.43
SKEW	1.99	2.01
SUM	10.8M	4.6M

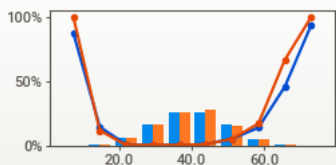


Torque

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 557 (8%) 473 (16%)
ZEROS: ---

MAX	76.6	74.5
95%	56.5	55.5
Q3	46.9	46.4
MEDIAN	40.1	40.0
AVG	40.1	39.8
Q1	33.2	33.1
5%	23.5	23.5
MIN	3.8	4.6

RANGE	72.8	69.9
IQR	13.7	13.3
STD	10.0	9.78
VAR	101	95.7
KURT.	-0.030	0.020
SKEW	0.010	-0.063
SUM	281k	119k

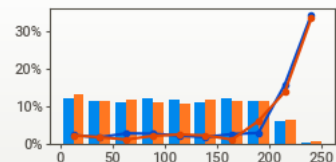


Tool_wear

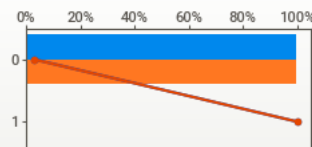
VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 243 (3%) 238 (8%)
ZEROS: 80 (1%) 40 (1%)

MAX	253	246
95%	206	207
Q3	162	163
MEDIAN	108	108
AVG	108	108
Q1	53	52
5%	10	9
MIN	0	0

RANGE	253	246
IQR	109	111
STD	63.3	64.5
VAR	4,008	4,156
KURT.	-1.16	-1.19
SKEW	0.027	0.029
SUM	756k	324k



TWF

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---
DISTINCT: 2 (<1%) 2 (<1%)

HDF

VALUES: 7,000 (100%) 3,000 (100%)
MISSING: ---

