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DataFrame

NO COMPARISON TARGET

10000	ROWS
0	DUPLICATES
920.1 kb	RAM
12	FEATURES
7	CATEGORICAL
5	NUMERICAL
0	TEXT

ASSOCIATIONS

Mach_failure

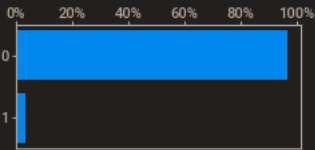
VALUES: 10,000 (100%)

MISSING: ---

DISTINCT: 2 (<1%)

DataFrame

% Mach_failure

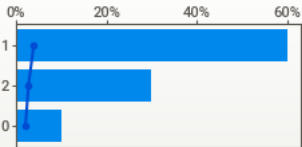


Type

VALUES: 10,000 (100%)

MISSING: ---

DISTINCT: 3 (<1%)



Air_temp

VALUES: 10,000 (100%)

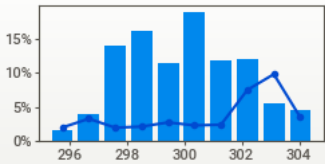
MISSING: ---

DISTINCT: 93 (<1%)

ZEROES: ---

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

RANGE	9.20
IQR	3.20
STD	2.00
VAR	4.00
KURT.	-0.836
SKEW	0.114
SUM	3.0M



Process_temp

VALUES: 10,000 (100%)

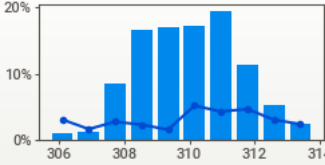
MISSING: ---

DISTINCT: 82 (<1%)

ZEROES: ---

MAX	313.80
95%	312.50
Q3	311.10
MEDIAN	310.10
AVG	310.01
Q1	308.80
5%	307.70
MIN	305.70

RANGE	8.10
IQR	2.30
STD	1.48
VAR	2.20
KURT.	-0.500
SKEW	0.015
SUM	3.1M



Rot_speed

VALUES: 10,000 (100%)

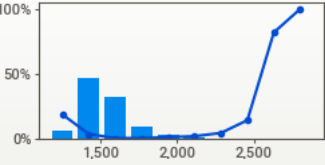
MISSING: ---

DISTINCT: 941 (9%)

ZEROES: ---

MAX	2,886
95%	1,868
Q3	1,612
AVG	1,539
MEDIAN	1,503
Q1	1,423
5%	1,332
MIN	1,168

RANGE	1,718
IQR	189
STD	179
VAR	32,143
KURT.	7.39
SKEW	1.99
SUM	15.4M



Torque

VALUES: 10,000 (100%)

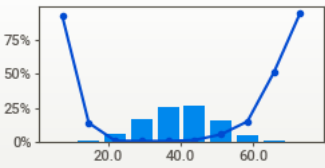
MISSING: ---

DISTINCT: 577 (6%)

ZEROES: ---

MAX	76.6
95%	56.1
Q3	46.8
MEDIAN	40.1
AVG	40.0
Q1	33.2
5%	23.5
MIN	3.8

RANGE	72.8
IQR	13.6
STD	9.97
VAR	99.4
KURT.	-0.013
SKEW	-0.010
SUM	400k



Tool_wear

VALUES: 10,000 (100%)

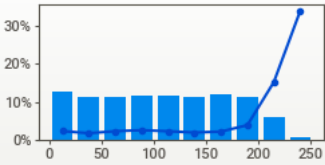
MISSING: ---

DISTINCT: 246 (2%)

ZEROES: 120 (1%)

MAX	253
95%	206
Q3	162
MEDIAN	108
AVG	108
Q1	53
5%	10
MIN	0

RANGE	253
IQR	109
STD	63.7
VAR	4,052
KURT.	-1.17
SKEW	0.027
SUM	1.1M

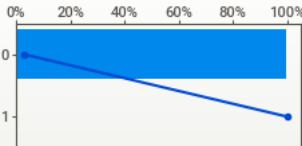


TWF

VALUES: 10,000 (100%)

MISSING: ---

DISTINCT: 2 (<1%)



HDF

VALUES: 10,000 (100%)

MISSING: ---

