Overview

Alerts **11**   Reproduction

Dataset statistics

Number of variables	13
Number of observations	1000
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	50.9 KiB
Average record size in memory	52.1 B

Variable types

Categorical	1
Numeric	12

Variables

Select Columns ▾

pattern_angle
Categorical

Distinct	2
Distinct (%)	0.2%
Missing	0
Missing (%)	0.0%
Memory size	7.9 KiB

0	500
90	500

More details

step_strip
Real number (ℝ)

Distinct	1000	**Minimum**	0.037638936
Distinct (%)	100.0%	**Maximum**	14.440522
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	6.9118404	**Memory size**	4.0 KiB

More details

density_strip
Real number (ℝ)

Distinct	1000	**Minimum**	11.740126
Distinct (%)	100.0%	**Maximum**	103.9889
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%

Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	57.245335	**Memory size**	4.0 KiB

More details

ratio_filler_matrix
Real number (ℝ)

Distinct	1000	**Minimum**	0.3894026
Distinct (%)	100.0%	**Maximum**	5.5917416
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	2.9306116	**Memory size**	4.0 KiB

More details

density
Real number (ℝ)

Distinct	1000	**Minimum**	1731.7646
Distinct (%)	100.0%	**Maximum**	2207.7734
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	1975.6668	**Memory size**	4.0 KiB

More details

elasticity_module
Real number (ℝ)

Distinct	1000	**Minimum**	2.4369087
Distinct (%)	100.0%	**Maximum**	1911.5365
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	739.95052	**Memory size**	4.0 KiB

More details

number_hardeners
Real number (ℝ)

Distinct	1000	**Minimum**	17.740274
Distinct (%)	100.0%	**Maximum**	198.9532
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	110.54112	**Memory size**	4.0 KiB

content_epoxy_groups
Real number (ℝ)

Distinct	1000		**Minimum**	14.254986
Distinct (%)	100.0%		**Maximum**	28.955095
Missing	0		**Zeros**	0
Missing (%)	0.0%		**Zeros (%)**	0.0%
Infinite	0		**Negative**	0
Infinite (%)	0.0%		**Negative (%)**	0.0%
Mean	22.24385		**Memory size**	4.0 KiB

flash_temperature
Real number (ℝ)

Distinct	999		**Minimum**	160.25584
Distinct (%)	99.9%		**Maximum**	413.27341
Missing	0		**Zeros**	0
Missing (%)	0.0%		**Zeros (%)**	0.0%
Infinite	0		**Negative**	0
Infinite (%)	0.0%		**Negative (%)**	0.0%
Mean	285.91129		**Memory size**	4.0 KiB

surface_density
Real number (ℝ)

Distinct	1000		**Minimum**	0.60373992
Distinct (%)	100.0%		**Maximum**	1399.5424
Missing	0		**Zeros**	0
Missing (%)	0.0%		**Zeros (%)**	0.0%
Infinite	0		**Negative**	0
Infinite (%)	0.0%		**Negative (%)**	0.0%
Mean	483.02466		**Memory size**	4.0 KiB

elasticity_module_stretching
Real number (ℝ)

Distinct	1000		**Minimum**	64.054062
Distinct (%)	100.0%		**Maximum**	82.682053
Missing	0		**Zeros**	0
Missing (%)	0.0%		**Zeros (%)**	0.0%
Infinite	0		**Negative**	0
Infinite (%)	0.0%		**Negative (%)**	0.0%
Mean	73.328462		**Memory size**	4.0 KiB

strapery_strength
Real number (ℝ)

Distinct	1000	Minimum	1036.8566
Distinct (%)	100.0%	Maximum	3848.4368
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	2467.1843	Memory size	4.0 KiB

More details

resin_consumption
Real number (ℝ)

Distinct	999	Minimum	33.803024
Distinct (%)	99.9%	Maximum	414.59064
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	218.38688	Memory size	4.0 KiB

More details

Interactions

step_strip
density_strip
ratio_filler_matrix
density
elasticity_module
number_hardeners
content_epoxy_groups
flash_temperature
surface_density
elasticity_module_stre
strapery_strength
resin_consumption

resin_consumption
step_strip
density_strip
ratio_filler_matrix
density
elasticity_module
number_hardeners
content_epoxy_groups
flash_temperature
surface_density
elasticity_module_stre
strapery_strength

Correlations

Auto

Heatmap   Table

Missing values

A simple visualization of nullity by column.

Sample

	pattern_angle	step_strip	density_strip	ratio_filler_matrix	density	elasticity_module	number_hardeners	content_epoxy_groups	flash_tempe
0	0	7.856166	64.301964	2.587348	1953.274902	1136.596191	137.627426	22.344534	234.716888
1	0	7.401543	19.250534	2.499918	1942.595825	901.519958	146.252213	23.081757	351.231873
2	0	6.675780	78.623299	2.046471	2037.631836	707.570862	101.617249	23.146393	312.307220
3	0	7.526398	38.176975	1.856476	2018.220337	836.294373	135.401703	26.435514	327.510376
4	0	8.325699	46.045429	3.305535	1917.907471	478.286255	105.786926	17.874100	328.154572
5	0	7.656211	33.571022	2.709554	1892.071167	641.052551	96.563293	22.989290	262.956726
6	0	10.302945	39.234280	2.282825	2008.357544	393.967316	149.372833	21.661751	330.498627
7	0	8.946891	72.084595	1.978140	1973.629150	991.724121	149.372131	19.750578	232.058197
8	0	3.746625	57.997772	1.771436	1872.491577	801.033875	79.794548	22.296303	340.736908
9	0	9.094363	44.801601	3.277087	2010.046997	339.550415	67.498993	24.280609	254.949081