



Overview

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- Overview
- Alerts37
- Reproduction

Dataset statistics

Number of variables	33
Number of observations	569
Missing cells	569
Missing cells (%)	3.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	146.8 KiB
Average record size in memory	264.2 B

Variable types

Numeric	31
Categorical	1
Unsupported	1

Variables

Select Columns

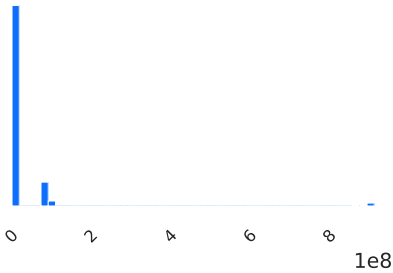
id

Real number ()

Unique

Distinct	569
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	30371831
Minimum	8670

Maximum	9.113205 × 10 <sup>8</sup>
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

diagnosis

Categorical

High correlation

Distinct	2
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	4.6 KiB



More details

radius\_mean

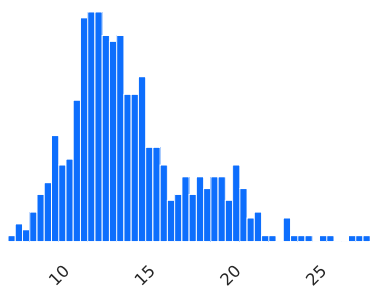
Real number ()

High correlation

Distinct	456
Distinct (%)	80.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	14.127292
------	-----------

Minimum	6.981
Maximum	28.11
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

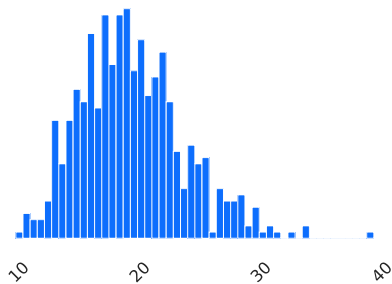
### texture\_mean

Real number ()

High correlation

Distinct	479
Distinct (%)	84.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	19.289649

Minimum	9.71
Maximum	39.28
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



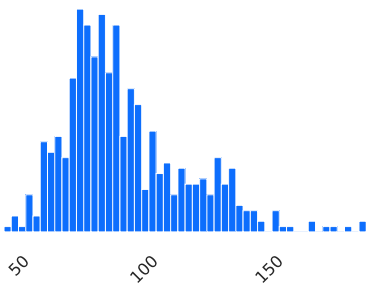
[More details](#)

perimeter\_mean  
Real number ()

High correlation

Distinct	522
Distinct (%)	91.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	91.969033

Minimum	43.79
Maximum	188.5
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



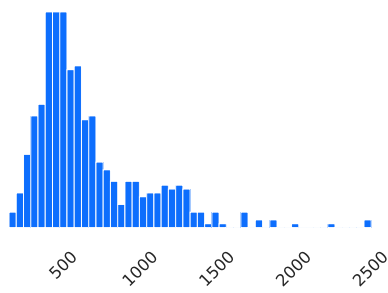
[More details](#)

area\_mean

Real number ()

High correlation

Distinct	539
Distinct (%)	94.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	654.8891
Minimum	143.5
Maximum	2501
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

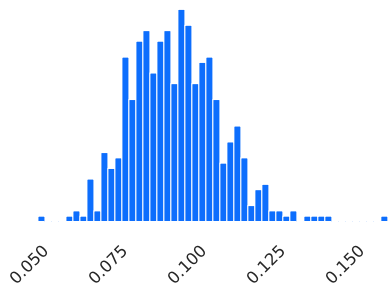
smoothness\_mean

Real number ()

High correlation

Distinct	474
Distinct (%)	83.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.096360281

Minimum	0.05263
Maximum	0.1634
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

compactness\_mean

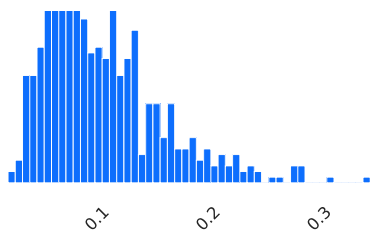
Real number ()

High correlation

Distinct	537
Distinct (%)	94.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.10434098

Minimum	0.01938
Maximum	0.3454
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

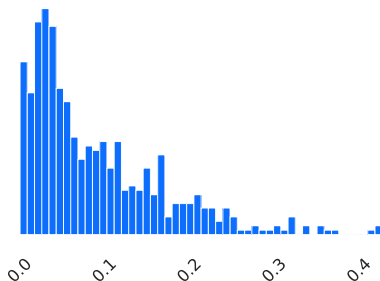
## concavity\_mean

Real number ()

High correlation

Zeros

Distinct	537
Distinct (%)	94.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.088799316
Minimum	0
Maximum	0.4268
Zeros	13
Zeros (%)	2.3%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB

[More details](#)

## concave points\_mean

Real number ()

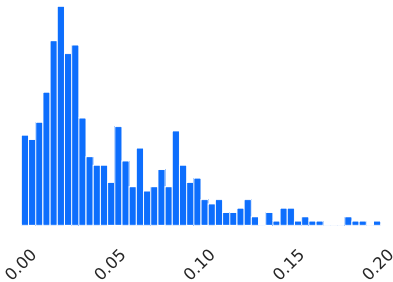
High correlation

Zeros

Distinct	542
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Distinct (%)	95.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.048919146

Minimum	0
Maximum	0.2012
Zeros	13
Zeros (%)	2.3%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

### symmetry\_mean

Real number ()

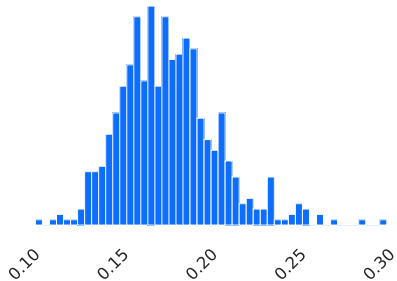
High correlation

Distinct	432
Distinct (%)	75.9%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.18116186

Minimum	0.106
Maximum	0.304



Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

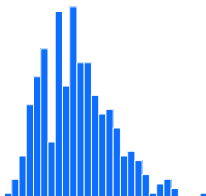
### fractal\_dimension\_mean

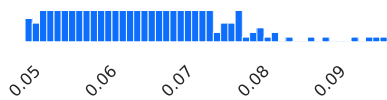
Real number ()

High correlation

Distinct	499
Distinct (%)	87.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.06279761

Minimum	0.04996
Maximum	0.09744
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

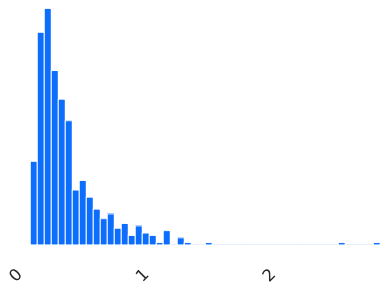
radius\_se

Real number ()

High correlation

Distinct	540
Distinct (%)	94.9%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.40517206

Minimum	0.1115
Maximum	2.873
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB

[More details](#)

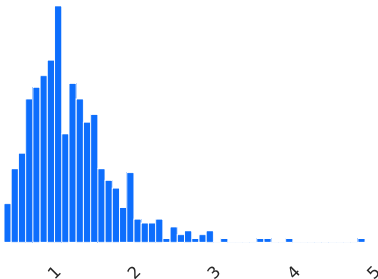
texture\_se

Real number ()

Distinct	519
Distinct (%)	91.2%
Missing	0
Missing (%)	0.0%

Infinite	0
Infinite (%)	0.0%
Mean	1.2168534

Minimum	0.3602
Maximum	4.885
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

perimeter\_se

Real number ()

High correlation

Distinct	533
Distinct (%)	93.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	2.8660592

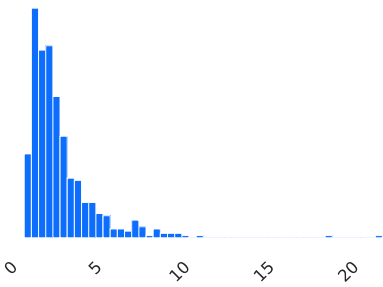
Minimum	0.757
Maximum	21.98
Zeros	0
Zeros (%)	0.0%
Negative	0

Negative (%)

0.0%

Memory size

4.6 KiB



More details

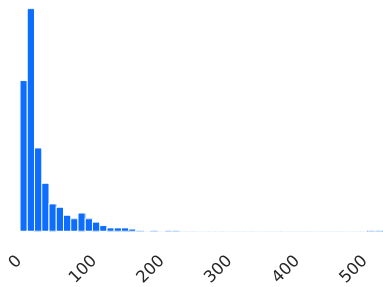
area\_se

Real number ()

High correlation

Distinct	528
Distinct (%)	92.8%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	40.337079

Minimum	6.802
Maximum	542.2
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



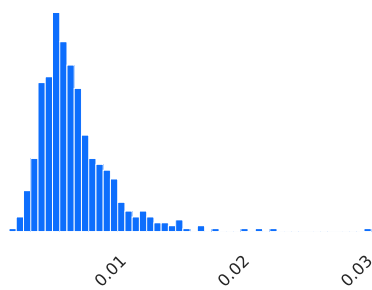
More details

smoothness\_se

Real number ()

Distinct	547
Distinct (%)	96.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.0070409789

Minimum	0.001713
Maximum	0.03113
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

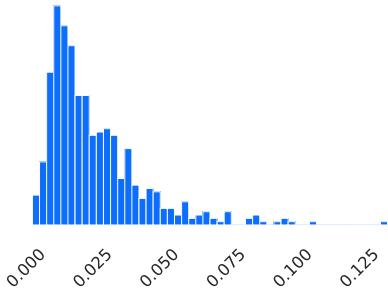
compactness\_se

Real number ()

High correlation

Distinct	541
Distinct (%)	95.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.025478139

Minimum	0.002252
Maximum	0.1354
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

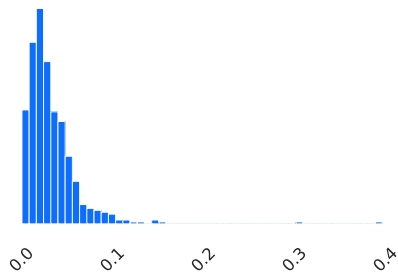
concavity\_se

Real number ()

High correlation Zeros

Distinct	533
Distinct (%)	93.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.031893716

Minimum	0
Maximum	0.396
Zeros	13
Zeros (%)	2.3%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

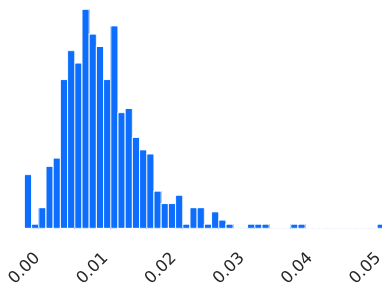
concave points\_se

Real number ()

High correlation Zeros

Distinct	507
Distinct (%)	89.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.011796137

Minimum	0
Maximum	0.05279
Zeros	13
Zeros (%)	2.3%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

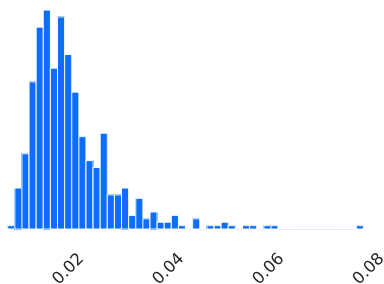
symmetry\_se

Real number ()

Distinct	498
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Distinct (%)	87.5%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.020542299

Minimum	0.007882
Maximum	0.07895
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

### fractal\_dimension\_se

Real number ()

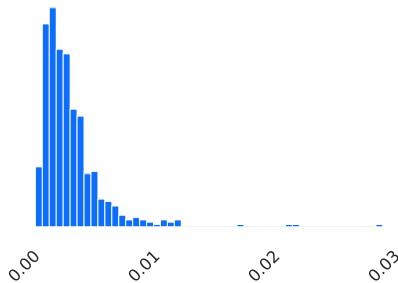
High correlation

Distinct	545
Distinct (%)	95.8%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.0037949039

Minimum	0.0008948
Maximum	0.02984



Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

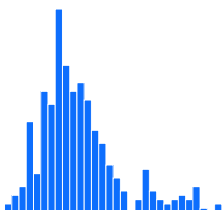
radius\_worst

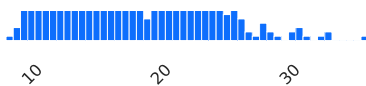
Real number ()

High correlation

Distinct	457
Distinct (%)	80.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	16.26919

Minimum	7.93
Maximum	36.04
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

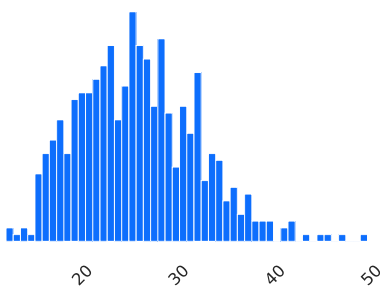
## texture\_worst

Real number ()

High correlation

Distinct	511
Distinct (%)	89.8%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	25.677223

Minimum	12.02
Maximum	49.54
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB

[More details](#)

## perimeter\_worst

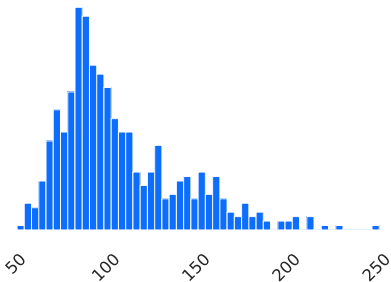
Real number ()

High correlation

Distinct	514
Distinct (%)	90.3%
Missing	0

Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	107.26121

Minimum	50.41
Maximum	251.2
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

area\_worst

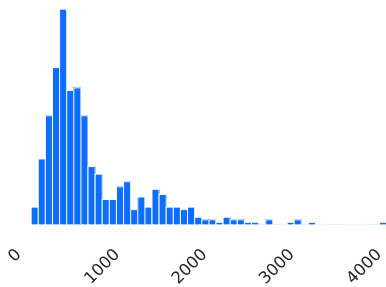
Real number ()

High correlation

Distinct	544
Distinct (%)	95.6%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	880.58313

Minimum	185.2
Maximum	4254
Zeros	0
Zeros (%)	0.0%

Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

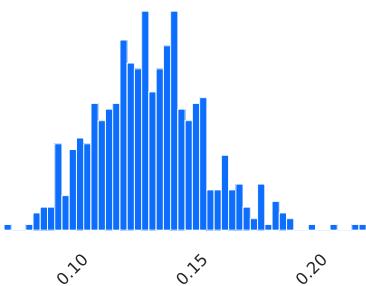
smoothness\_worst

Real number ()

High correlation

Distinct	411
Distinct (%)	72.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.13236859

Minimum	0.07117
Maximum	0.2226
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



[More details](#)

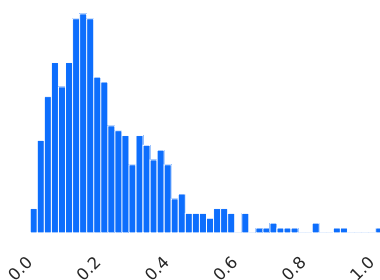
## compactness\_worst

Real number ()

High correlation

Distinct	529
Distinct (%)	93.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.25426504

Minimum	0.02729
Maximum	1.058
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB

[More details](#)

## concavity\_worst

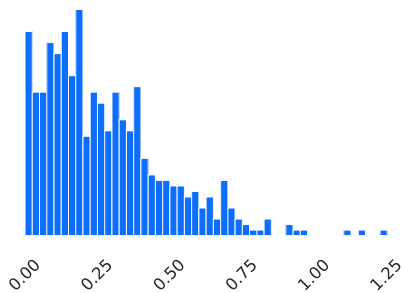
Real number ()

High correlation

Zeros

Distinct	539
Distinct (%)	94.7%
Missing	0
Missing (%)	0.0%
Infinite	0

Infinite (%)	0.0%
Mean	0.27218848
Minimum	0
Maximum	1.252
Zeros	13
Zeros (%)	2.3%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

concave points\_worst

Real number ()

High correlation Zeros

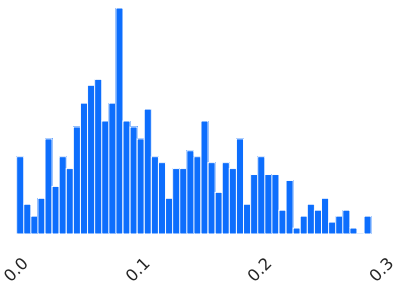
Distinct	492
Distinct (%)	86.5%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.11460622
Minimum	0
Maximum	0.291
Zeros	13
Zeros (%)	2.3%
Negative	0

Negative (%)

0.0%

Memory size

4.6 KiB



More details

symmetry\_worst

Real number ()

High correlation

Distinct	500
Distinct (%)	87.9%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.29007557

Minimum

0.1565

Maximum

0.6638

Zeros

0

Zeros (%)

0.0%

Negative

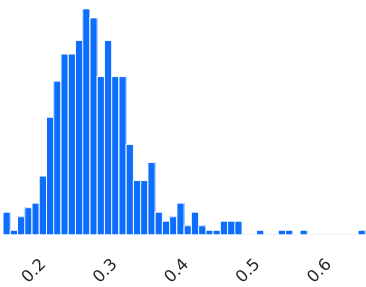
0

Negative (%)

0.0%

Memory size

4.6 KiB



More details

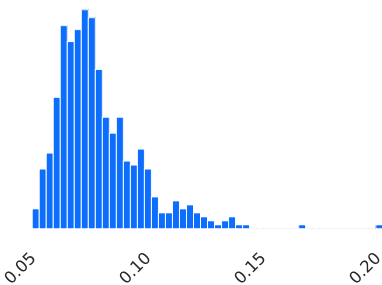
fractal\_dimension\_worst

Real number ()

High correlation

Distinct	535
Distinct (%)	94.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	0.083945817

Minimum	0.05504
Maximum	0.2075
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	4.6 KiB



More details

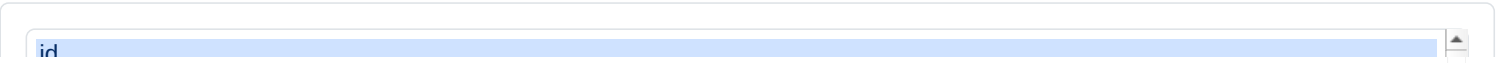
Unnamed: 32

Unsupported

Missing Rejected Unsupported

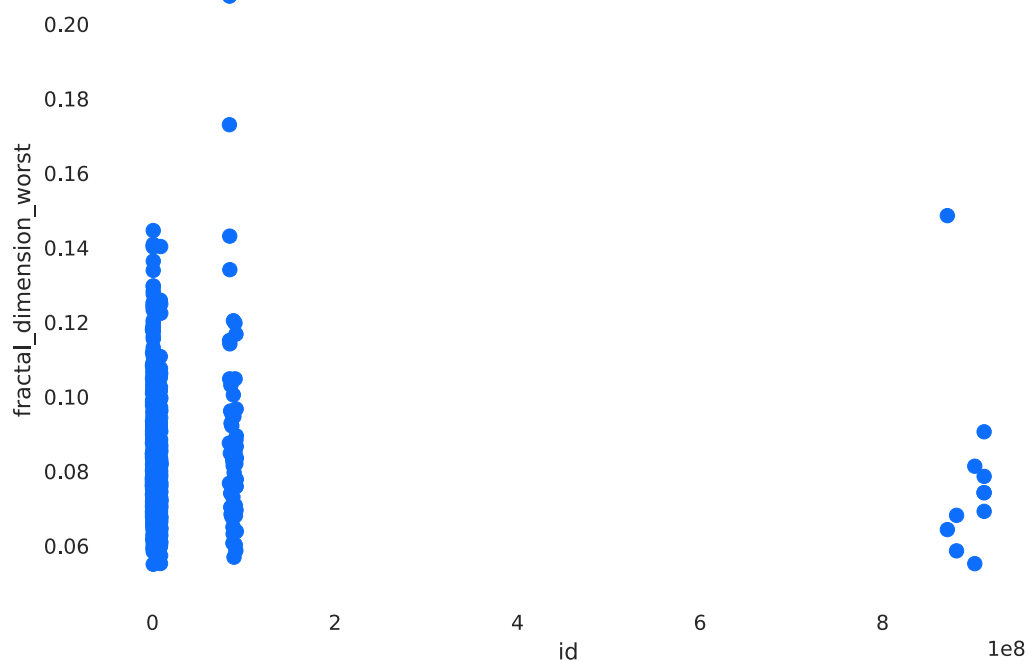
Missing	569
Missing (%)	100.0%
Memory size	4.6 KiB

Interactions





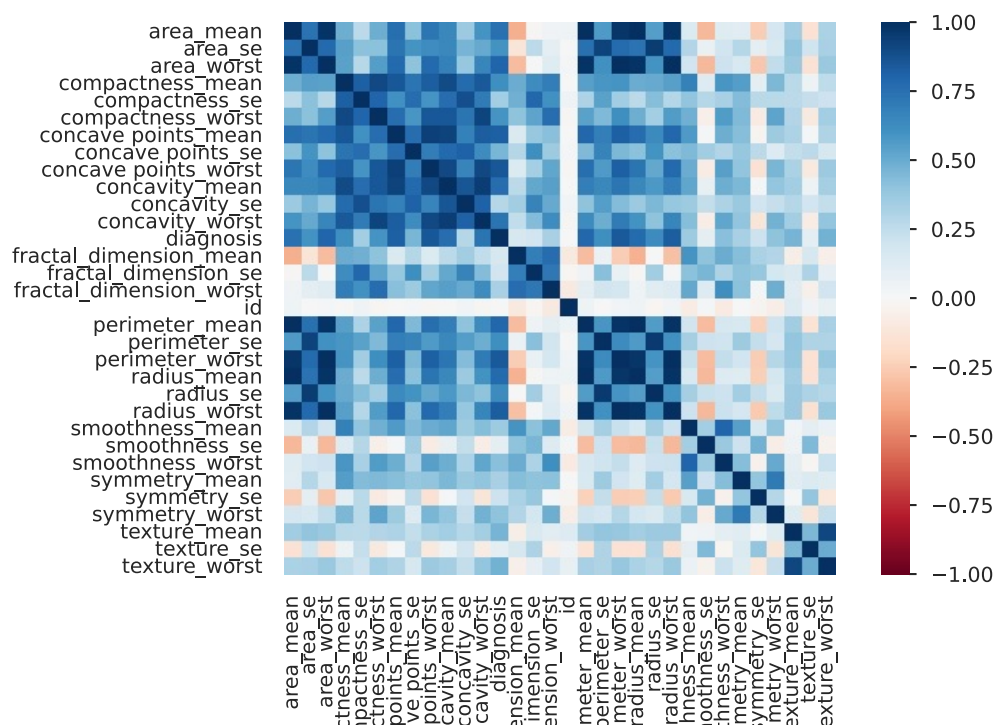
```
fractal_dimension_worst
id
radius_mean
texture_mean
```



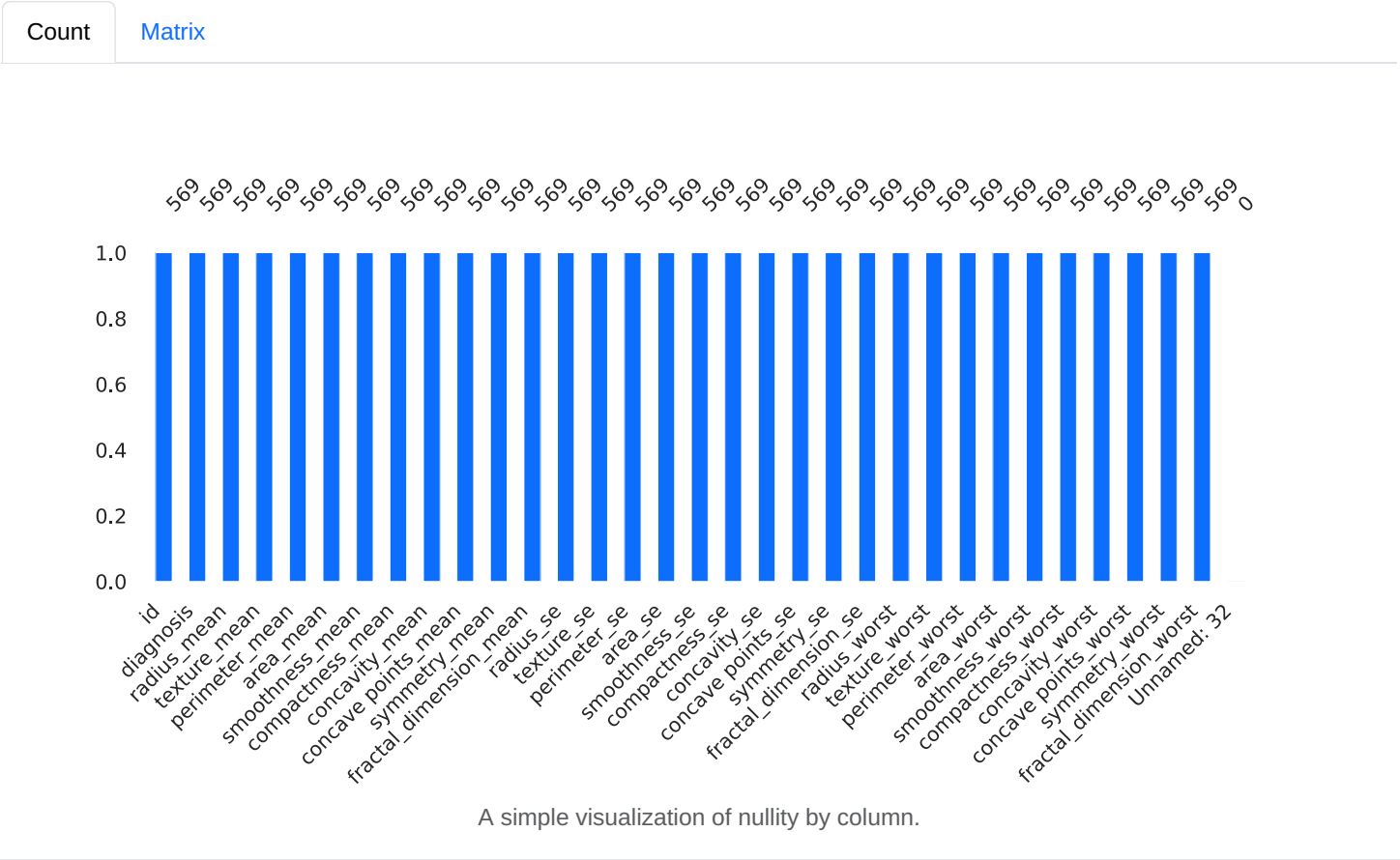
## Auto

## Heatmap

## Table



Missing values



Sample

First rows

Last rows

	id	diagnosis	radius_mean	texture_mean	perimeter_mean	area_mean	smoothness_mean	compactnes
0	842302	M	17.99	10.38	122.80	1001.0	0.11840	0.27760
1	842517	M	20.57	17.77	132.90	1326.0	0.08474	0.07864
2	84300903	M	19.69	21.25	130.00	1203.0	0.10960	0.15990
3	84348301	M	11.42	20.38	77.58	386.1	0.14250	0.28390
4	84358402	M	20.29	14.34	135.10	1297.0	0.10030	0.13280
5	843786	M	12.45	15.70	82.57	477.1	0.12780	0.17000
6	844359	M	18.25	19.98	119.60	1040.0	0.09463	0.10900
7	84458202	M	13.71	20.83	90.20	577.9	0.11890	0.16450
8	844981	M	13.00	21.82	87.50	519.8	0.12730	0.19320
9	84501001	M	12.46	24.04	83.97	475.9	0.11860	0.23960