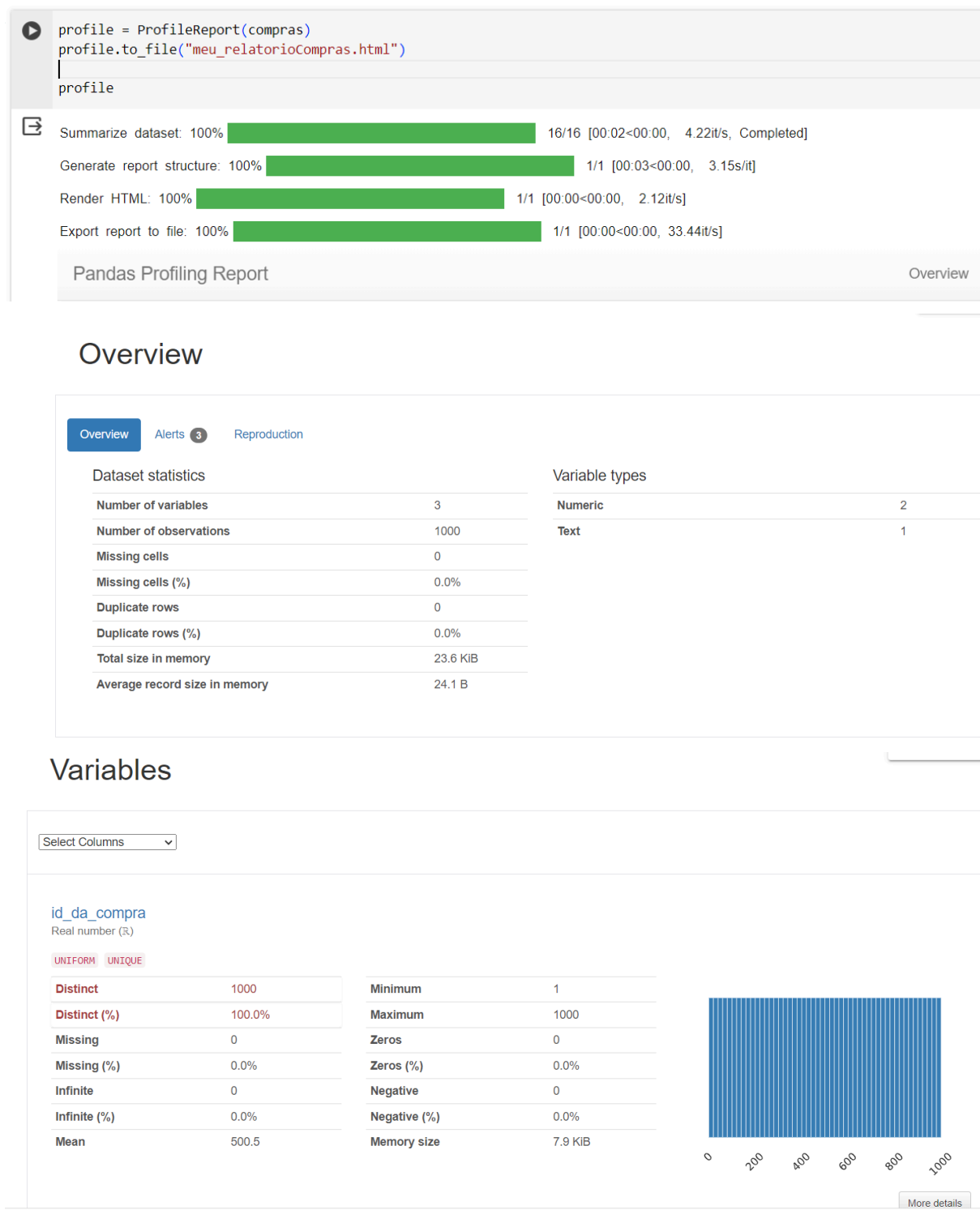


Análise Exploratória Proj.3

Como não consegui subir para o Git os dados gerados pela biblioteca Pandas-Ydata, seguem os dados abaixo.

Compras:



Overview

Overview

Alerts 3

Reproduction

Dataset statistics

Number of variables	3
Number of observations	1000
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	23.6 KiB
Average record size in memory	24.1 B

Variable types

Numeric	2
Text	1

Variables

Select Columns

id_da_compra

Real number (ℝ)

UNIFORM

UNIQUE

Distinct	1000	Minimum	1
Distinct (%)	100.0%	Maximum	1000
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	500.5	Memory size	7.9 KiB

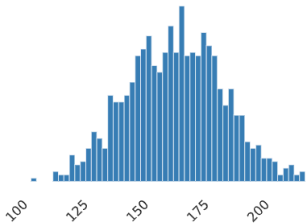
02004006008001000

More details

valor_total_da_compra

Real number (R)

Distinct	941	Minimum	105.67
Distinct (%)	94.1%	Maximum	219.13
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	165.45133	Memory size	7.9 KiB



More details

Statistics Histogram Common values Extreme values

More details

Statistics Histogram Common values Extreme values

Quantile statistics

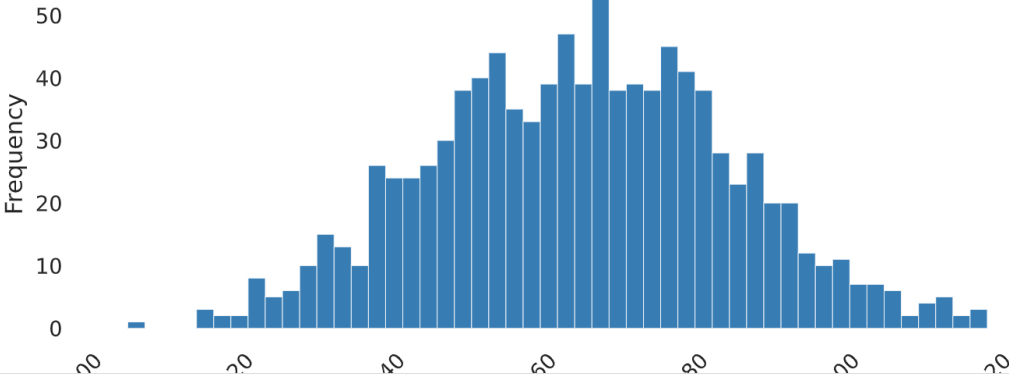
Minimum	105.67
5-th percentile	132.8385
Q1	151.3425
median	165.505
Q3	179.5
95-th percentile	198.2255
Maximum	219.13
Range	113.46
Interquartile range (IQR)	28.1575

Descriptive statistics

Standard deviation	19.725153
Coefficient of variation (CV)	0.11922027
Kurtosis	-0.29196812
Mean	165.45133
Median Absolute Deviation (MAD)	14.105
Skewness	0.019348243
Sum	165451.33
Variance	389.08166
Monotonicity	Not monotonic

More details

Statistics Histogram Common values Extreme values



Text

[illegible]

Characters

[illegible]

Characters

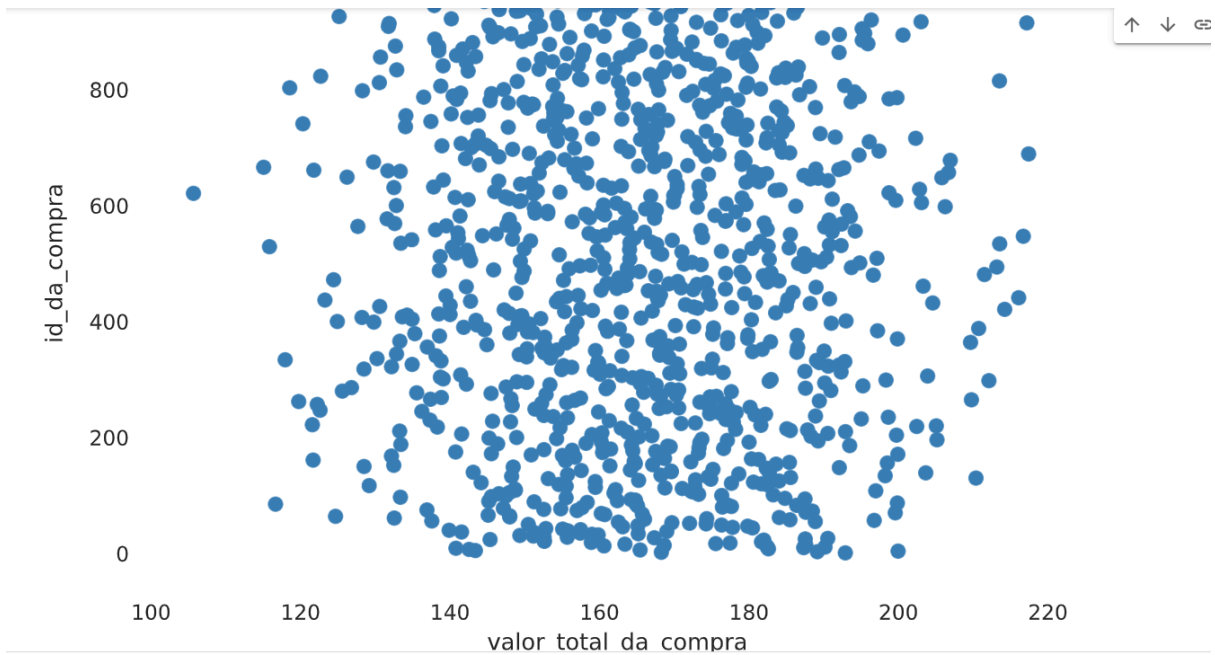
Sample

1st row	['leite integral', 'salsicha', 'sal de cozinha', 'melancia', 'carne bovina', 'manga', 'alface', 'arroz', 'óleo de soja', 'feijão', 'batata', 'macarrão', 'quilabo', 'couve-flor', 'açúcar']
2nd row	['cebola', 'creme de leite', 'envilha', 'chuchu', 'chocolate branco', 'ovos', 'tomate', 'feijão', 'macarrão', 'café', 'massas', 'peixe', 'leite de coco', 'pera', 'fubá de milho']
3rd row	['laranja', 'carne bovina', 'tingerina', 'leite fermentado', 'manteiga', 'farinha de mandioca', 'banana', 'leite integral', 'arroz', 'leite condensado', 'farinha de

Interactions

id_da_compra valor_total_da_compra

valor_total da compra id da compra



Correlations

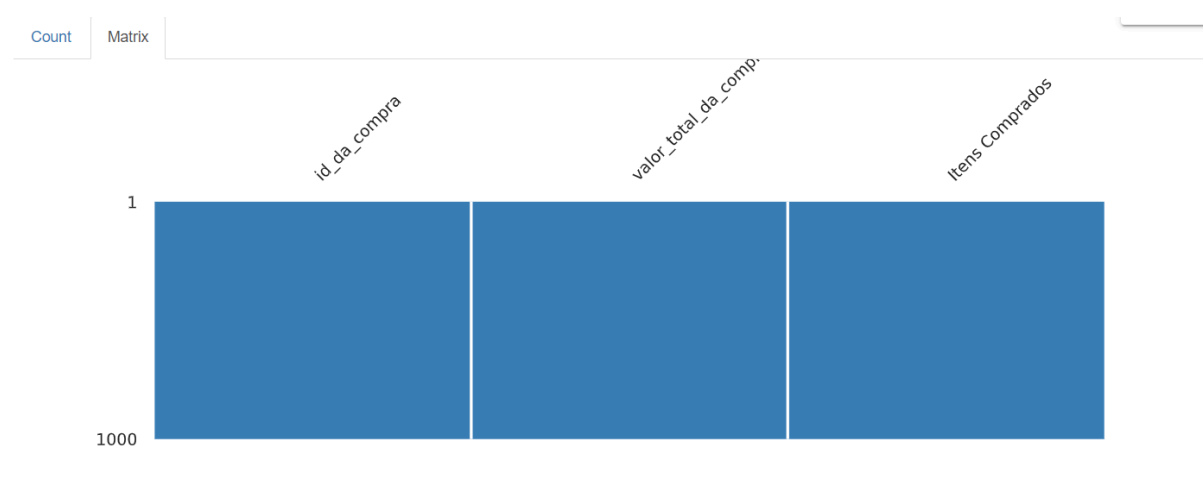
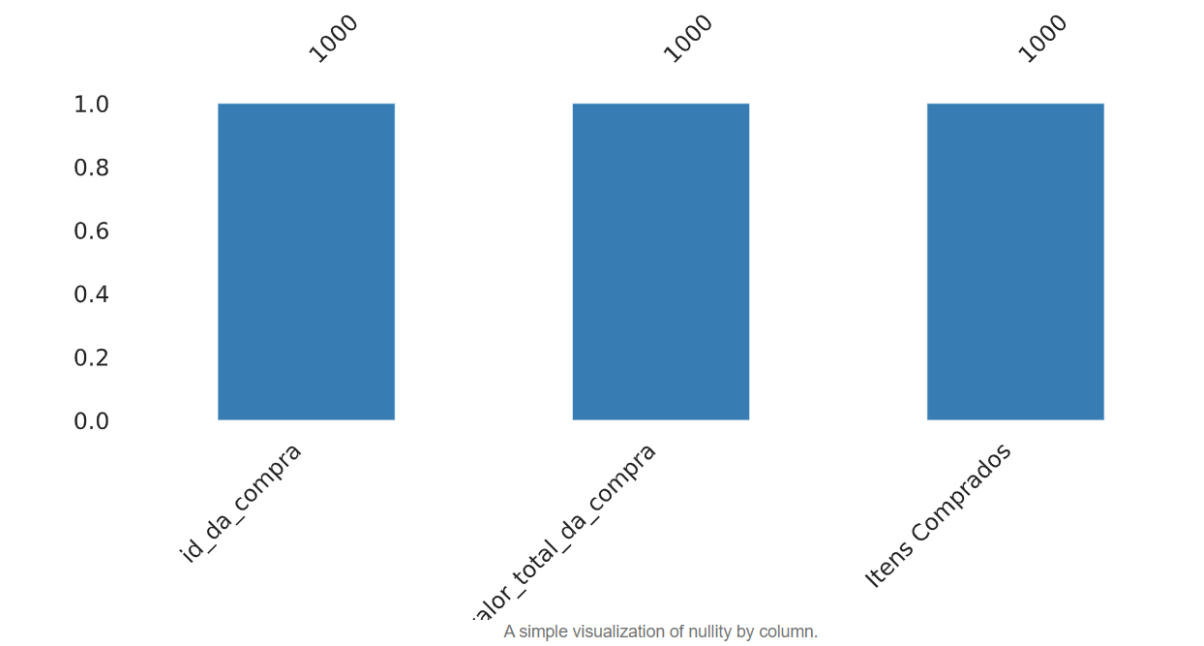
Auto

Heatmap Table

	id_da_compra	valor_total_da_compra
id_da_compra	1.000	-0.013
valor_total_da_compra	-0.013	1.000

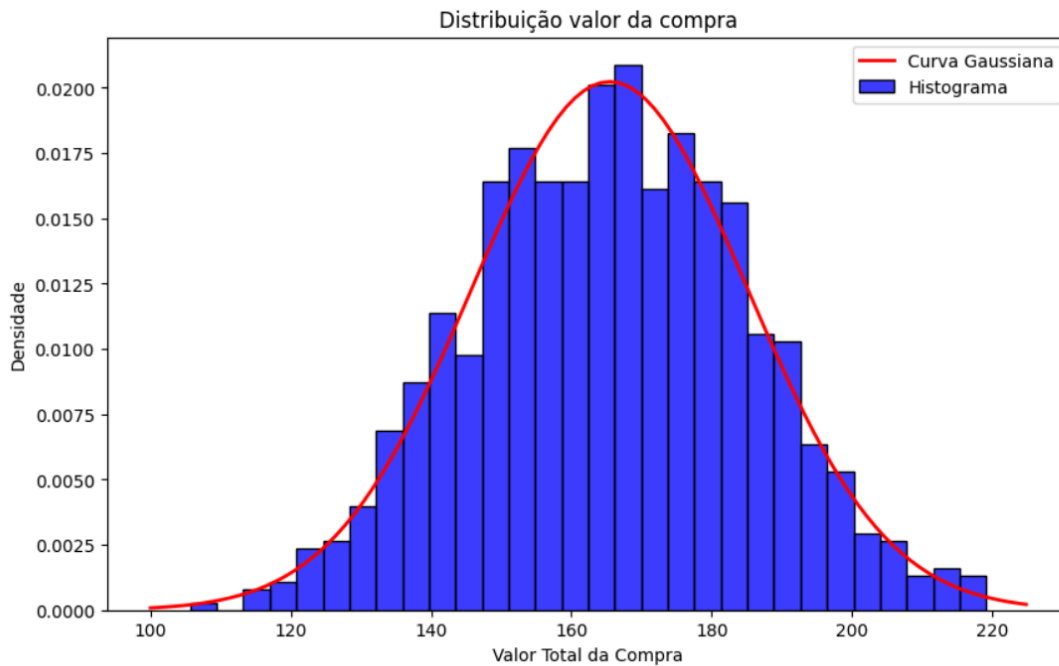
Missing values

Count Matrix



Sample

id_da_compra		valor_total_da_compra	Itens Comprados
0	1	192.89	['leite integral', 'salsicha', 'sal de cozinha', 'melancia', 'carne bovina', 'manga', 'alface', 'arroz', 'óleo de soja', 'feijão', 'batata', 'n
1	2	168.27	['cebola', 'creme de leite', 'ervilha', 'chuchu', 'chocolate branco', 'ovos', 'tomate', 'feijão', 'macarrão', 'café', 'massas', 'peixe', 'le
2	3	189.14	['laranja', 'carne bovina', 'tangerina', 'leite fermentado', 'manteiga', 'farinha de mandioca', 'banana', 'leite integral', 'arroz', 'leite
3	4	199.95	['linguiça', 'abóbora', 'molho de tomate', 'óleo de soja', 'farinha de trigo', 'salsicha', 'iogurte', 'café', 'cebola', 'farinha de milho', 'l
4	5	143.39	['manga', 'leite integral', 'leite de coco', 'limão', 'farinha de mandioca', 'laranja', 'frango', 'cebola', 'linguiça', 'massas', 'couve-flor
5	6	165.43	['sal de cozinha', 'laranja', 'leite integral', 'leite integral', 'cebola', 'peixe', 'pera', 'linguiça', 'abóbora', 'repolho', 'pão francês', 'lei
6	7	142.55	['ovos', 'macarrão', 'quiabo', 'leite de coco', 'salsicha', 'farinha de milho', 'feijão', 'batata', 'leite em pó', 'leite condensado', 'chur
7	8	182.60	['salsicha', 'abacaxi', 'manteiga', 'molho de tomate', 'leite de coco', 'farinha de mandioca', 'queijos', 'macarrão', 'açúcar', 'crem
8	9	140.79	['cebola', 'feijão', 'massas', 'chuchu', 'macarrão', 'molho de tomate', 'laranja', 'batata-doce', 'queijos', 'linguiça', 'limão', 'alface',
9	10	187.32	['óleo vegetal', 'pão francês', 'leite integral', 'café', 'alface', 'melão', 'massas', 'molho de tomate', 'couve-flor', 'berinjela', 'carne



Receitas

5s

```
profile1 = ProfileReport(receitas)
profile1.to_file("meu_relatorioReceitas.html")
```

profile1

Summarize dataset: 100% 13/13 [00:00<00:00, 15.10it/s, Completed]

Generate report structure: 100% 1/1 [00:03<00:00, 3.04s/it]

Render HTML: 100% 1/1 [00:00<00:00, 4.37it/s]

Export report to file: 100% 1/1 [00:00<00:00, 65.48it/s]

Pandas Profiling Report

Overview

Overview		Alerts 2	Reproduction
Dataset statistics		Variable types	
Number of variables	3	Numeric	1
Number of observations	49	Text	2
Missing cells	0		
Missing cells (%)	0.0%		
Duplicate rows	0		
Duplicate rows (%)	0.0%		
Total size in memory	1.3 KiB		
Average record size in memory	26.6 B		

Variables

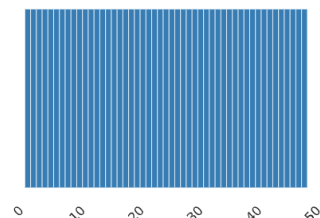
Select Columns

id

Real number (\mathbb{R})

UNIFORM UNIQUE

Distinct	49	Minimum	1
Distinct (%)	100.0%	Maximum	49
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	25	Memory size	520.0 B

[More details](#)

Nome da Receita

Text

Distinct	47
Distinct (%)	95.9%
Missing	0
Missing (%)	0.0%
Memory size	520.0 B

[More details](#)

Overview

Words

Characters

Overview

Words

Characters

Value	Count	Frequency (%)
de	31	22.3%
carne	6	4.3%
com	4	2.9%
bolo	4	2.9%
sanduíche	4	2.9%
bolinho	3	2.2%
arroz	3	2.2%
frango	3	2.2%
massa	3	2.2%
panqueca	3	2.2%
Other values (63)	75	54.0%

[More details](#)

More details

Overview

Words

Characters


Length		Characters and Unicode		Unique	Sample
Max length	29	Total characters	846	Unique	1st row
Median length	23	Distinct characters	52	Unique (%)	2nd row
Mean length	17.265306	Distinct categories	1		3rd row
Min length	4	Distinct scripts	1		4th row
		Distinct blocks	1		5th row
The Unicode Standard assigns character properties to each code point, which can be used to analyse textual variables.					

Ingredientes

Text

Distinct	48
Distinct (%)	98.0%
Missing	0
Missing (%)	0.0%
Memory size	520.0 B

More details




Overview

Words

Characters

Value	Count	Frequency (%)
de	50	10.5%
leite	24	5.0%
cebola	16	3.4%
farinha	15	3.1%
ovos	15	3.1%
trigo	12	2.5%
açúcar	12	2.5%
tomate	12	2.5%
sal	12	2.5%
queijo	11	2.3%
Other values (132)	298	62.5%

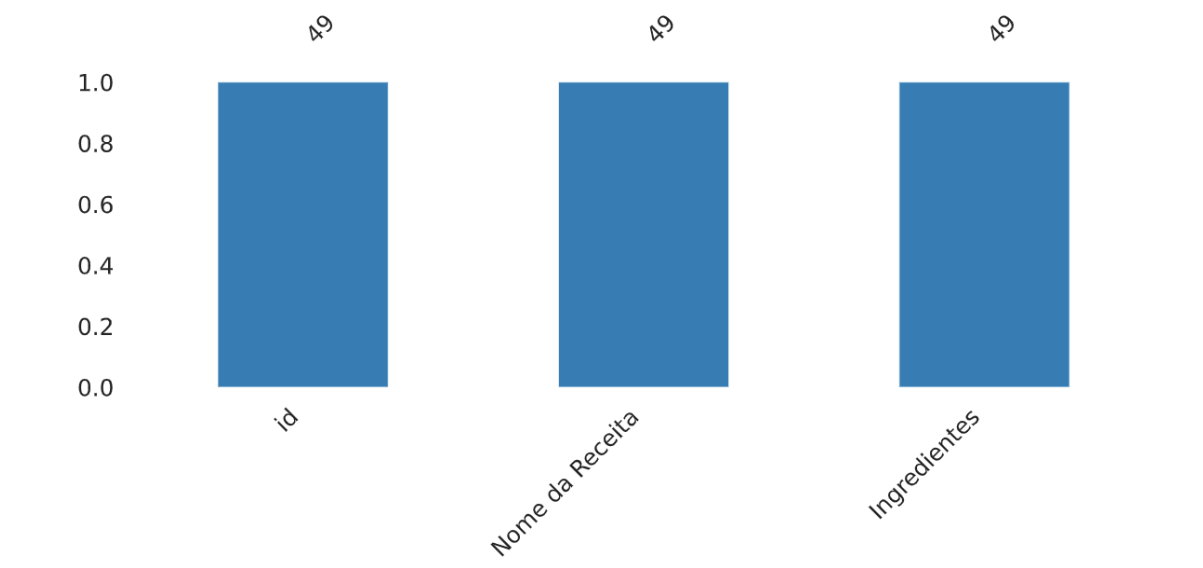
More details



Missing values

Count

Matrix



Sample

First rowsLast rows

	id	Nome da Receita	Ingredientes
39	40	Sobremesa Gelada de Chocolate	Água fervente, gelatina, creme de leite
40	41	Sobremesa Deliciosa de Banana	Bananas, açúcar, leite condensado, leite comum, gemas, amido de milho, baunilha, claras, açúcar
41	42	Sanduíche Natural de Atum	Pão integral, atum, cenoura, alface, molhinhos e temperos
42	43	Lanche de Frigideira com Ovo	Ovos, pão de forma, oregano, óleo
43	44	Sanduíche de Frango e Cottage	Frango grelhado, cenoura, queijo cottage, pão
44	45	Sanduíche Arais	Carne moída, tomatinhos, pão
45	46	Sanduíche Vegano	Espinafre, cenoura, beterraba, pimenta-do-reino, cebola, sal rosa, pão
46	47	Massa de Panqueca	Farinha de trigo, leite, ovos, sal
47	48	Nhoque à bolonhesa	molho de tomate, carne moída, vinagre, cebola, alho,sal, batata, margarina, farinha de trigo, ovos, leite
48	49	Massa de Pizza	Farinha de trigo, fermento, sal, água, óleo, açúcar

