

# Overview

Overview

Alerts12

Reproduction

Dataset statistics

Number of variables	21
Number of observations	9994
Missing cells	0
Missing cells (%)	0.0%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	9.2 MiB
Average record size in memory	967.5 B

Variable types

Numeric	6
Text	6
DateTime	2
Categorical	7

# Variables

Select Columns

Row ID

Real number ( $\mathbb{R}$ )

Uniform

Unique

**Distinct** 9994

**Distinct (%)** 100.0%

**Missing** 0

**Missing (%)** 0.0%

**Infinite** 0

**Infinite (%)** 0.0%

**Mean** 4997.5

**Minimum** 1

**Maximum** 9994

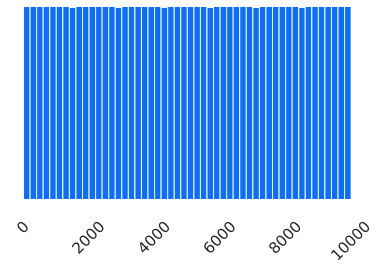
**Zeros** 0

**Zeros (%)** 0.0%

**Negative** 0

**Negative (%)** 0.0%

**Memory size** 78.2 KiB



[More details](#)

## Order ID

Text

**Distinct** 5009

**Distinct (%)** 50.1%

**Missing** 0

**Missing (%)** 0.0%

**Memory size** 615.0 KiB



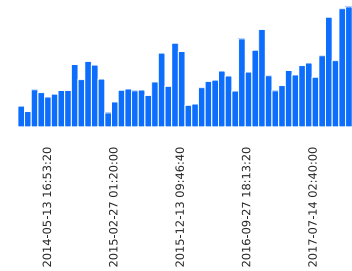
[More details](#)

## Order Date

Date

<b>Distinct</b>	1237
<b>Distinct (%)</b>	12.4%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Memory size</b>	78.2 KiB

<b>Minimum</b>	2014-01-03 00:00:00
<b>Maximum</b>	2017-12-30 00:00:00
<b>Invalid dates</b>	0
<b>Invalid dates (%)</b>	0.0%

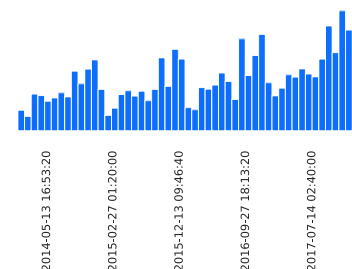

[More details](#)

## Ship Date

Date

<b>Distinct</b>	1334
<b>Distinct (%)</b>	13.3%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Memory size</b>	78.2 KiB

<b>Minimum</b>	2014-01-07 00:00:00
<b>Maximum</b>	2018-01-05 00:00:00
<b>Invalid dates</b>	0
<b>Invalid dates (%)</b>	0.0%


[More details](#)

## Ship Mode

Categorical

<b>Distinct</b>	4
<b>Distinct (%)</b>	< 0.1%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%

Standard ...	5968
Second Cl...	1945
First Class	1538
Same Day	543

## More details







<b>Distinct</b>	49
<b>Distinct (%)</b>	0.5%
<b>Missing</b>	0
<b>Missing (%)</b>	0.0%
<b>Memory size</b>	561.2 KiB

California	2001
New York	1128
Texas	985
Pennsylva...	587
Washingt...	506
Other valu...	4787

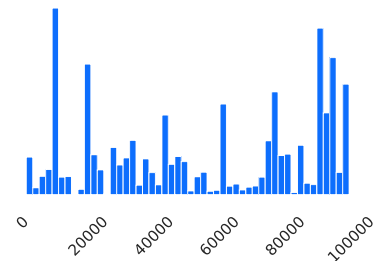
[More details](#)

## Postal Code

Real number ( $\mathbb{R}$ )

High correlation

<b>Distinct</b>	631	<b>Minimum</b>	1040
<b>Distinct (%)</b>	6.3%	<b>Maximum</b>	99301
<b>Missing</b>	0	<b>Zeros</b>	0
<b>Missing (%)</b>	0.0%	<b>Zeros (%)</b>	0.0%
<b>Infinite</b>	0	<b>Negative</b>	0
<b>Infinite (%)</b>	0.0%	<b>Negative (%)</b>	0.0%
<b>Mean</b>	55190.379	<b>Memory size</b>	78.2 KiB



[More details](#)

## Region

Categorical

High correlation

<b>Distinct</b>	4
<b>Distinct (%)</b>	< 0.1%

West	3203
East	2848



Missing	0
Missing (%)	0.0%
Memory size	603.3 KiB

[More details](#)

## Sub-Category

Categorical

High correlation

Distinct	17
Distinct (%)	0.2%
Missing	0
Missing (%)	0.0%
Memory size	548.5 KiB

Binders	1523
Paper	1370
Furnishings	957
Phones	889
Storage	846
Other valu...	4409

[More details](#)

## Product Name

Text

Distinct	1850
Distinct (%)	18.5%
Missing	0
Missing (%)	0.0%
Memory size	856.6 KiB

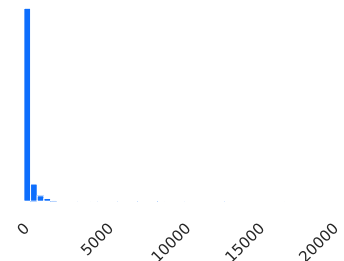

[More details](#)

## Sales

Real number ( $\mathbb{R}$ )

High correlation

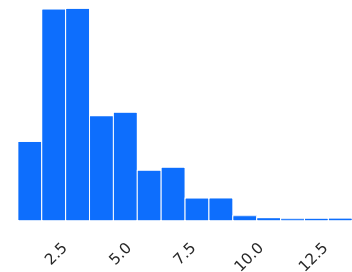
Distinct	5825	Minimum	0.444
Distinct (%)	58.3%	Maximum	22638.48
Missing	0	Zeros	0
Missing (%)	0.0%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	229.858	Memory size	78.2 KiB


[More details](#)

## Quantity

Real number ( $\mathbb{R}$ )

<b>Distinct</b>	14	<b>Minimum</b>	1
<b>Distinct (%)</b>	0.1%	<b>Maximum</b>	14
<b>Missing</b>	0	<b>Zeros</b>	0
<b>Missing (%)</b>	0.0%	<b>Zeros (%)</b>	0.0%
<b>Infinite</b>	0	<b>Negative</b>	0
<b>Infinite (%)</b>	0.0%	<b>Negative (%)</b>	0.0%
<b>Mean</b>	3.7895737	<b>Memory size</b>	78.2 KiB



[More details](#)

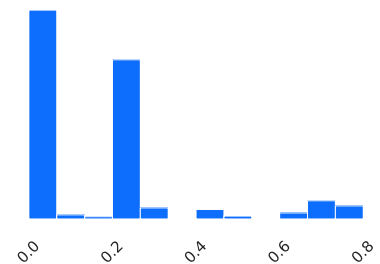
## Discount

Real number ( $\mathbb{R}$ )

High correlation

Zeros

<b>Distinct</b>	12	<b>Minimum</b>	0
<b>Distinct (%)</b>	0.1%	<b>Maximum</b>	0.8
<b>Missing</b>	0	<b>Zeros</b>	4798
<b>Missing (%)</b>	0.0%	<b>Zeros (%)</b>	48.0%
<b>Infinite</b>	0	<b>Negative</b>	0
<b>Infinite (%)</b>	0.0%	<b>Negative (%)</b>	0.0%
<b>Mean</b>	0.15620272	<b>Memory size</b>	78.2 KiB



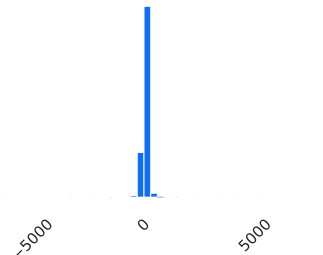
[More details](#)

## Profit

Real number ( $\mathbb{R}$ )

High correlation

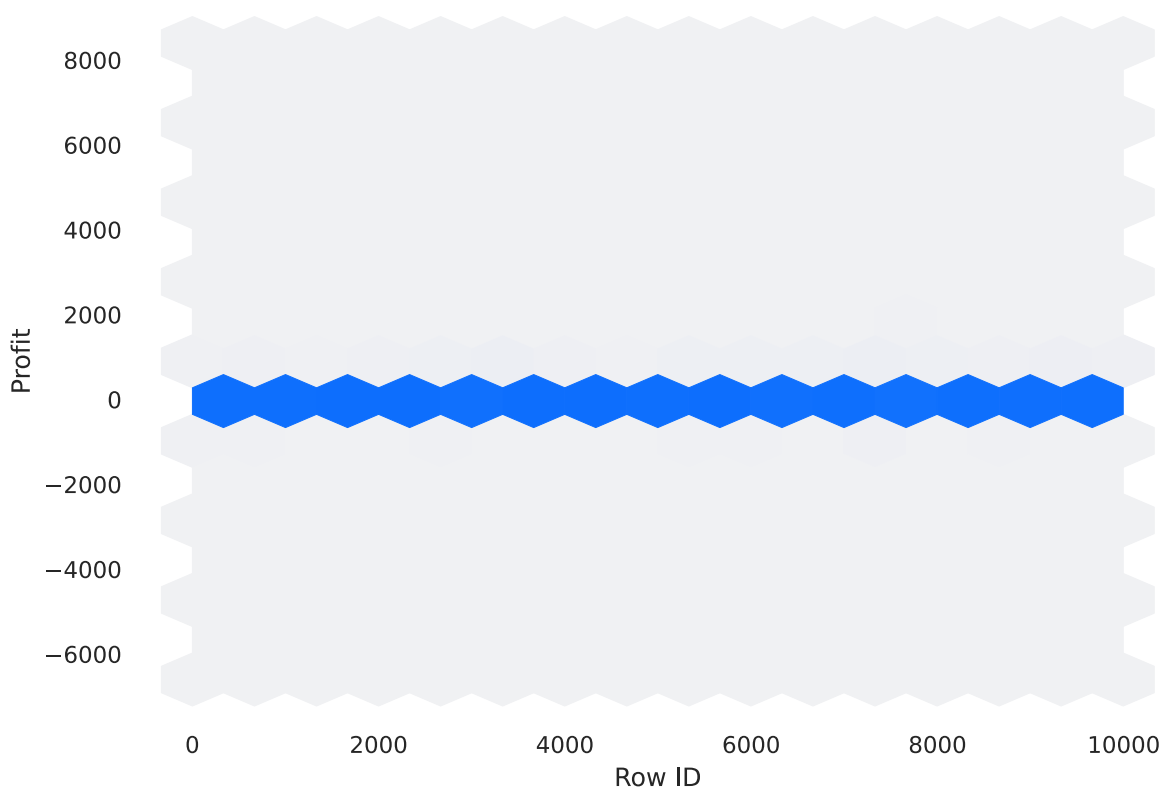
<b>Distinct</b>	7287	<b>Minimum</b>	-6599.978
<b>Distinct (%)</b>	72.9%	<b>Maximum</b>	8399.976
<b>Missing</b>	0	<b>Zeros</b>	65
<b>Missing (%)</b>	0.0%	<b>Zeros (%)</b>	0.7%
<b>Infinite</b>	0	<b>Negative</b>	1871
<b>Infinite (%)</b>	0.0%	<b>Negative (%)</b>	18.7%
<b>Mean</b>	28.656896	<b>Memory size</b>	78.2 KiB



More details

## Interactions

Row ID	Postal Code	Sales	Quantity	Discount	Profit
Profit	Row ID	Postal Code	Sales	Quantity	Discount

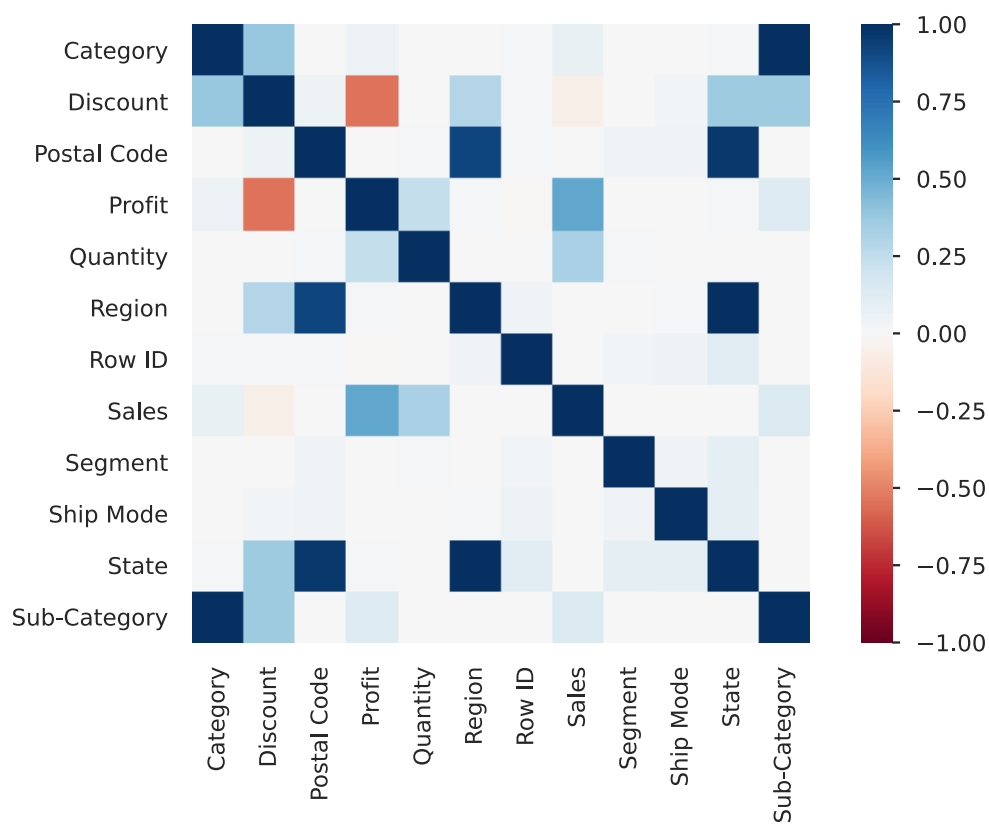


## Correlations

Auto

Heatmap

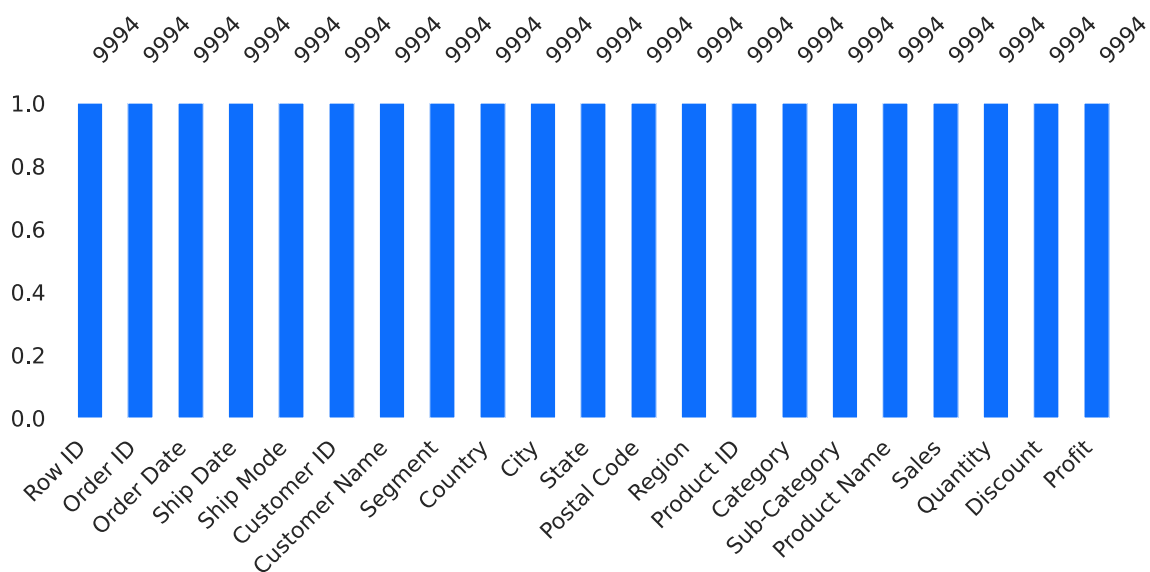
[Table](#)



## Missing values

Count

[Matrix](#)



A simple visualization of nullity by column.

## Sample

First rows

[Last rows](#)

	Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID
0	1	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520
1	2	CA-2016-152156	11/8/2016	11/11/2016	Second Class	CG-12520
2	3	CA-2016-138688	6/12/2016	6/16/2016	Second Class	DV-13045
3	4	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335
4	5	US-2015-108966	10/11/2015	10/18/2015	Standard Class	SO-20335
5	6	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710
6	7	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710

Row ID		Order ID	Order Date	Ship Date	Ship Mode	Customer ID
7	8	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710
8	9	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710
9	10	CA-2014-115812	6/9/2014	6/14/2014	Standard Class	BH-11710

