



# Overview

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## Dataset statistics

|                               |           |
|-------------------------------|-----------|
| Number of variables           | 17        |
| Number of observations        | 600       |
| Missing cells                 | 0         |
| Missing cells (%)             | 0.0%      |
| Duplicate rows                | 0         |
| Duplicate rows (%)            | 0.0%      |
| Total size in memory          | 142.5 KiB |
| Average record size in memory | 243.2 B   |

## Variable types

|             |    |
|-------------|----|
| Categorical | 2  |
| Numeric     | 15 |

# Variables

Select Columns

Customer\_ID

Categorical

High correlation    Uniform

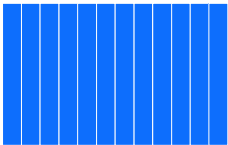
|                     |          |             |     |
|---------------------|----------|-------------|-----|
| <b>Distinct</b>     | 50       | CUST1001    | 12  |
| <b>Distinct (%)</b> | 8.3%     | CUST1040    | 12  |
| <b>Missing</b>      | 0        | CUST1022    | 12  |
| <b>Missing (%)</b>  | 0.0%     | CUST1028    | 12  |
| <b>Memory size</b>  | 38.2 KiB | CUST1017    | 12  |
|                     |          | Other va... | 540 |

More details


Month

Real number ( $\mathbb{R}$ )

|                     |      |                     |         |
|---------------------|------|---------------------|---------|
| <b>Distinct</b>     | 12   | <b>Minimum</b>      | 1       |
| <b>Distinct (%)</b> | 2.0% | <b>Maximum</b>      | 12      |
| <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>         | 6.5  | <b>Memory size</b>  | 2.5 KiB |



A histogram with 12 blue bars of equal height, representing a uniform distribution of values across 12 categories. The x-axis is labeled with values 2.5, 5.0, 7.5, 10.0, and 12.5.



A horizontal scrollbar with a grey track and a dark grey slider, indicating the current view of the data distribution.

More details

Age

Real number ( $\mathbb{R}$ )

High correlation

Distinct

29

Distinct (%)

4.8%

Missing

0

Missing (%)

0.0%

Infinite

0

Infinite (%)

0.0%

Mean

42.14

Minimum

23

Maximum

59

Zeros

0

Zeros (%)

0.0%

Negative

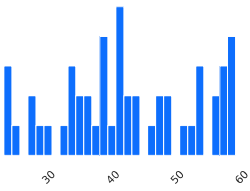
0

Negative (%)

0.0%

Memory size

4.8 KiB



A histogram showing the frequency distribution of data values. The x-axis represents values from 30 to 60, and the y-axis represents frequency. The distribution is roughly bell-shaped, centered around 40-45.

More details

## Gender

Categorical

High correlation

Uniform

|              |          |        |     |
|--------------|----------|--------|-----|
| Distinct     | 2        | Male   | 300 |
| Distinct (%) | 0.3%     | Female | 300 |
| Missing      | 0        |        |     |
| Missing (%)  | 0.0%     |        |     |
| Memory size  | 36.5 KiB |        |     |

More details

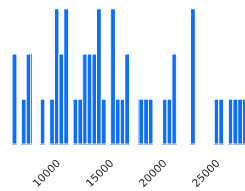
## Income

Real number ( $\mathbb{R}$ )

High correlation

|                     |          |
|---------------------|----------|
| <b>Distinct</b>     | 50       |
| <b>Distinct (%)</b> | 8.3%     |
| <b>Missing</b>      | 0        |
| <b>Missing (%)</b>  | 0.0%     |
| <b>Infinite</b>     | 0        |
| <b>Infinite (%)</b> | 0.0%     |
| <b>Mean</b>         | 16310.74 |

|                     |         |
|---------------------|---------|
| <b>Minimum</b>      | 6711    |
| <b>Maximum</b>      | 28829   |
| <b>Zeros</b>        | 0       |
| <b>Zeros (%)</b>    | 0.0%    |
| <b>Negative</b>     | 0       |
| <b>Negative (%)</b> | 0.0%    |
| <b>Memory size</b>  | 4.8 KiB |



More details

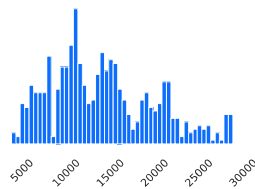
## Total\_Spending

Real number ( $\mathbb{R}$ )

High correlation

|                     |       |
|---------------------|-------|
| <b>Distinct</b>     | 581   |
| <b>Distinct (%)</b> | 96.8% |
| <b>Missing</b>      | 0     |
| <b>Missing (%)</b>  | 0.0%  |
| <b>Infinite</b>     | 0     |
| <b>Infinite (%)</b> | 0.0%  |

|                     |         |
|---------------------|---------|
| <b>Minimum</b>      | 3765.3  |
| <b>Maximum</b>      | 28790.  |
| <b>Zeros</b>        | 0       |
| <b>Zeros (%)</b>    | 0.0%    |
| <b>Negative</b>     | 0       |
| <b>Negative (%)</b> | 0.0%    |
| <b>Memory size</b>  | 4.8 KiB |



Mean 14128.112

More details

## Essential\_Spending

Real number ( $\mathbb{R}$ )

High correlation

Distinct 60

Distinct (%) 10.0%

Missing 0

Missing (%) 0.0%

Infinite 0

Infinite (%) 0.0%

Mean 6227.5725

Minimum 1500

Maximum 11000

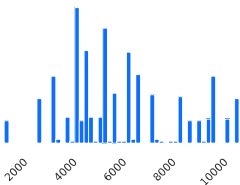
Zeros 0

Zeros (%) 0.0%

Negative 0

Negative (%) 0.0%

Memory size 4.8 KiB

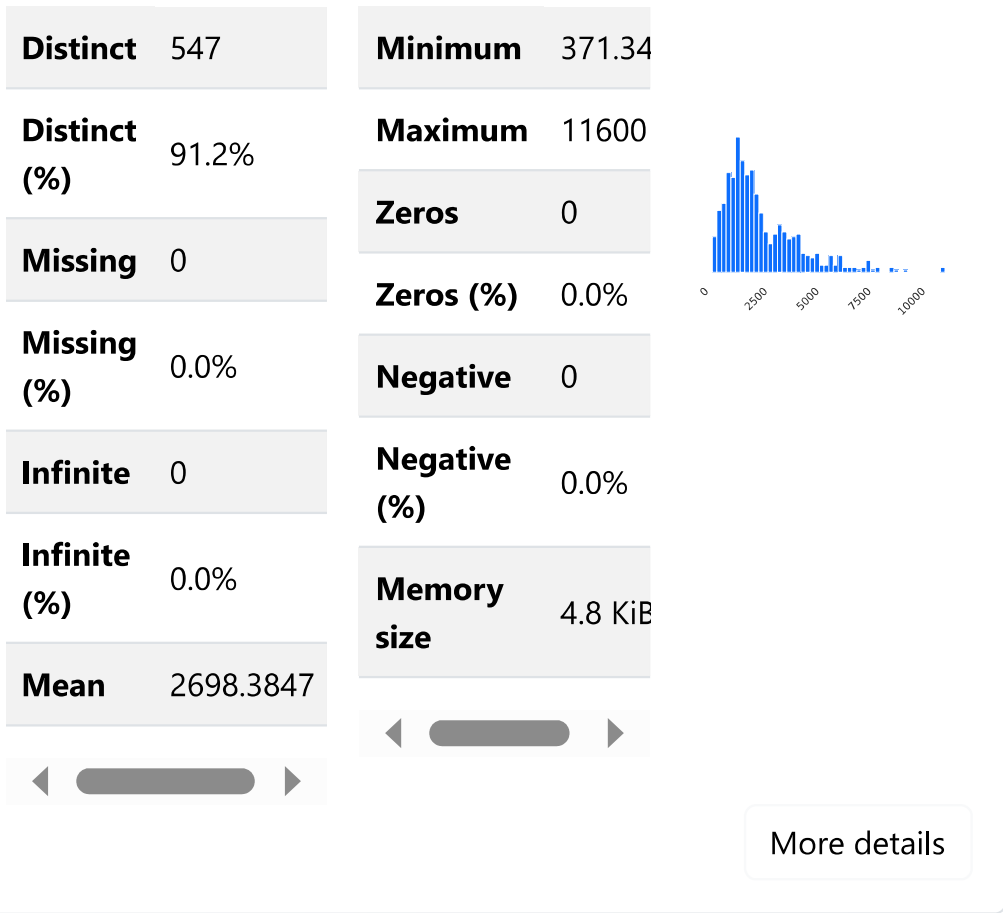


More details

## Non\_Essential\_Spending

Real number ( $\mathbb{R}$ )

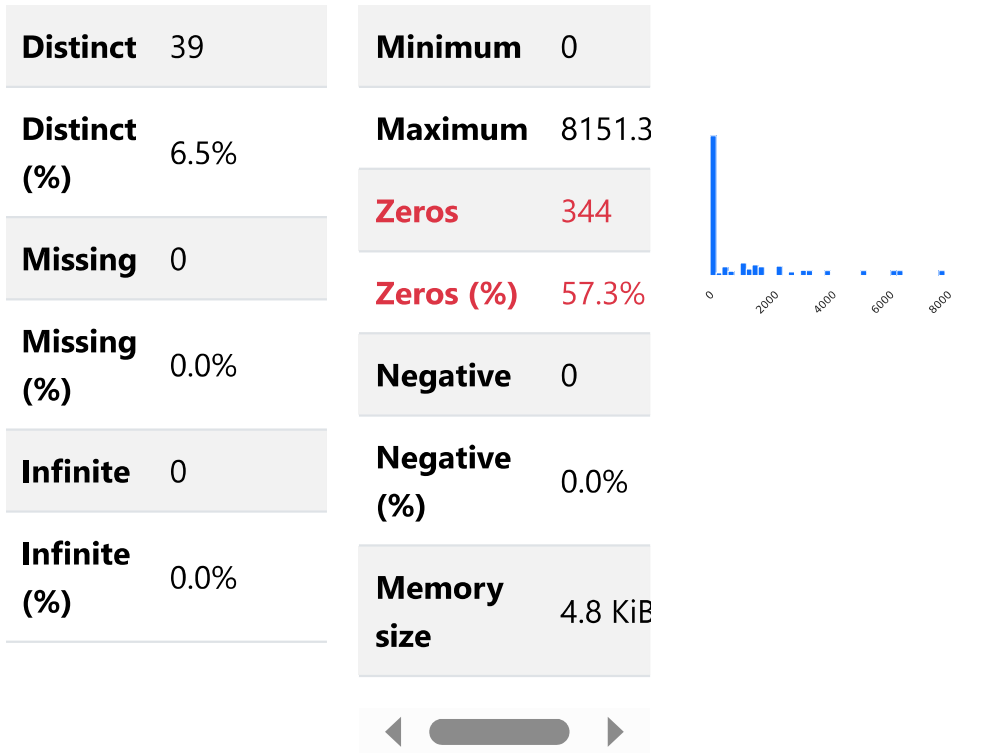
High correlation



## Savings\_Amount

Real number ( $\mathbb{R}$ )

High correlation   Zeros



Mean 1167.9336

More details

## Investments\_Amount

Real number ( $\mathbb{R}$ )

High correlation Zeros

Distinct 37

Distinct (%) 6.2%

Missing 0

Missing (%) 0.0%

Infinite 0

Infinite (%) 0.0%

Mean 1746.0659

Minimum 0

Maximum 8648.7

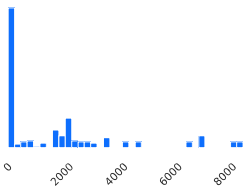
Zeros 284

Zeros (%) 47.3%

Negative 0

Negative (%) 0.0%

Memory size 4.8 KiB



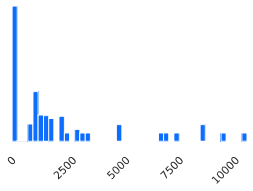
More details

## Debt\_Payments

Real number ( $\mathbb{R}$ )

High correlation Zeros

|                     |           |                     |         |
|---------------------|-----------|---------------------|---------|
| <b>Distinct</b>     | 45        | <b>Minimum</b>      | 0       |
| <b>Distinct (%)</b> | 7.5%      | <b>Maximum</b>      | 10987   |
| <b>Missing</b>      | 0         | <b>Zeros</b>        | 180     |
| <b>Missing (%)</b>  | 0.0%      | <b>Zeros (%)</b>    | 30.0%   |
| <b>Infinite</b>     | 0         | <b>Negative</b>     | 0       |
| <b>Infinite (%)</b> | 0.0%      | <b>Negative (%)</b> | 0.0%    |
| <b>Mean</b>         | 2288.1547 | <b>Memory size</b>  | 4.8 KiB |



◀ [Slider] ▶

◀ [Slider] ▶

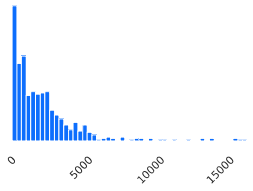
More details

## Account\_Balance

Real number ( $\mathbb{R}$ )

High correlation

|                     |       |                     |         |
|---------------------|-------|---------------------|---------|
| <b>Distinct</b>     | 578   | <b>Minimum</b>      | -1.7    |
| <b>Distinct (%)</b> | 96.3% | <b>Maximum</b>      | 16884.  |
| <b>Missing</b>      | 0     | <b>Zeros</b>        | 2       |
| <b>Missing (%)</b>  | 0.0%  | <b>Zeros (%)</b>    | 0.3%    |
| <b>Infinite</b>     | 0     | <b>Negative</b>     | 1       |
| <b>Infinite (%)</b> | 0.0%  | <b>Negative (%)</b> | 0.2%    |
|                     |       | <b>Memory size</b>  | 4.8 KiB |



◀ [Slider] ▶



Mean 2182.6279

More details

## Savings\_Rate

Real number ( $\mathbb{R}$ )

High correlation Zeros

Distinct 21

Distinct (%) 3.5%

Missing 0

Missing (%) 0.0%

Infinite 0

Infinite (%) 0.0%

Mean 0.07047017

Minimum 0

Maximum 0.3288

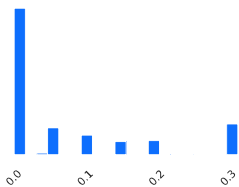
Zeros 344

Zeros (%) 57.3%

Negative 0

Negative (%) 0.0%

Memory size 4.8 KiB

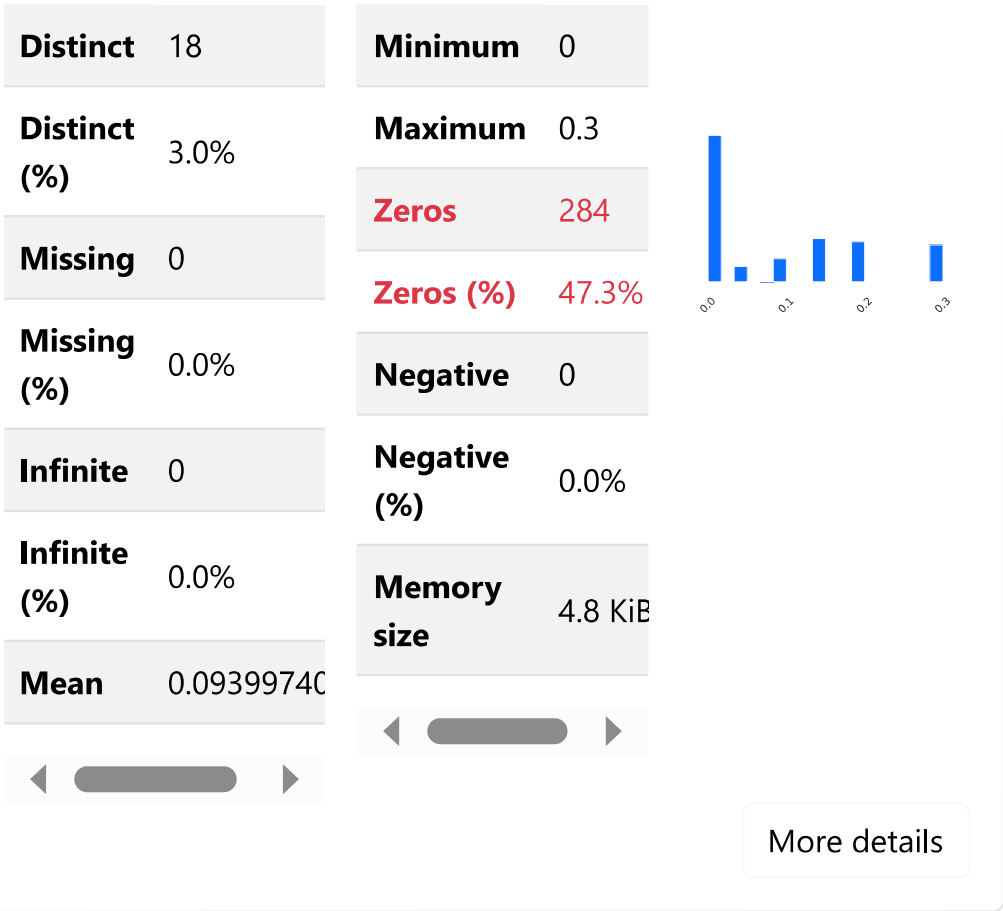


More details

## Investment\_Rate

Real number ( $\mathbb{R}$ )

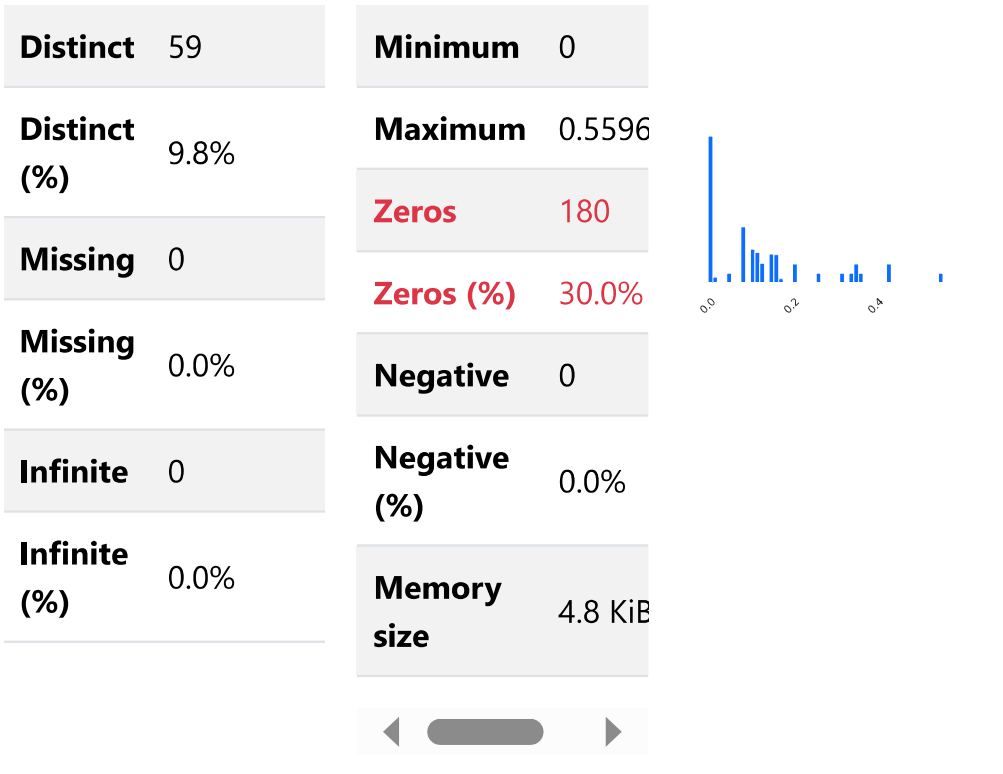
High correlation Zeros



## Debt\_Ratio

Real number ( $\mathbb{R}$ )

High correlationZeros



Mean 0.12894565

More details

## Spending\_Rate

Real number ( $\mathbb{R}$ )

High correlation

Distinct 581

Distinct (%) 96.8%

Missing 0

Missing (%) 0.0%

Infinite 0

Infinite (%) 0.0%

Mean 0.86077412

Minimum 0.3808

Maximum 1.0002

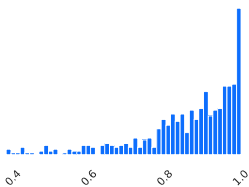
Zeros 0

Zeros (%) 0.0%

Negative 0

Negative (%) 0.0%

Memory size 4.8 KiB



More details

## Spending\_Volatility

Real number ( $\mathbb{R}$ )

High correlation

Distinct50

Distinct (%)8.3%

Missing0

Missing (%)0.0%

Infinite0

Infinite (%)0.0%

Mean1125.7127

Minimum265.55

Maximum3792.0

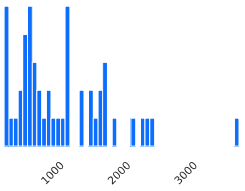
Zeros0

Zeros (%)0.0%

Negative0

Negative (%)0.0%

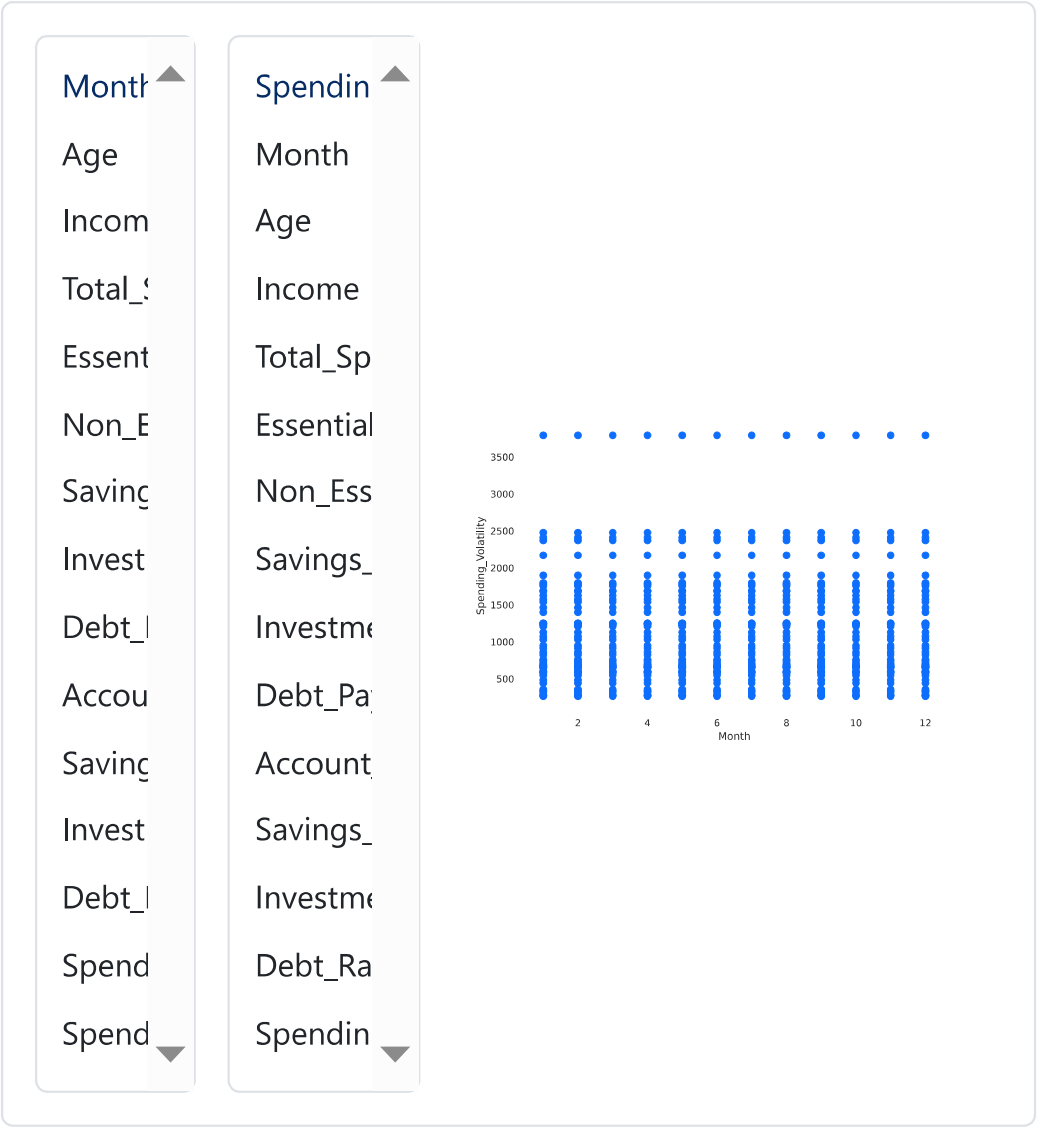
Memory size4.8 KiB



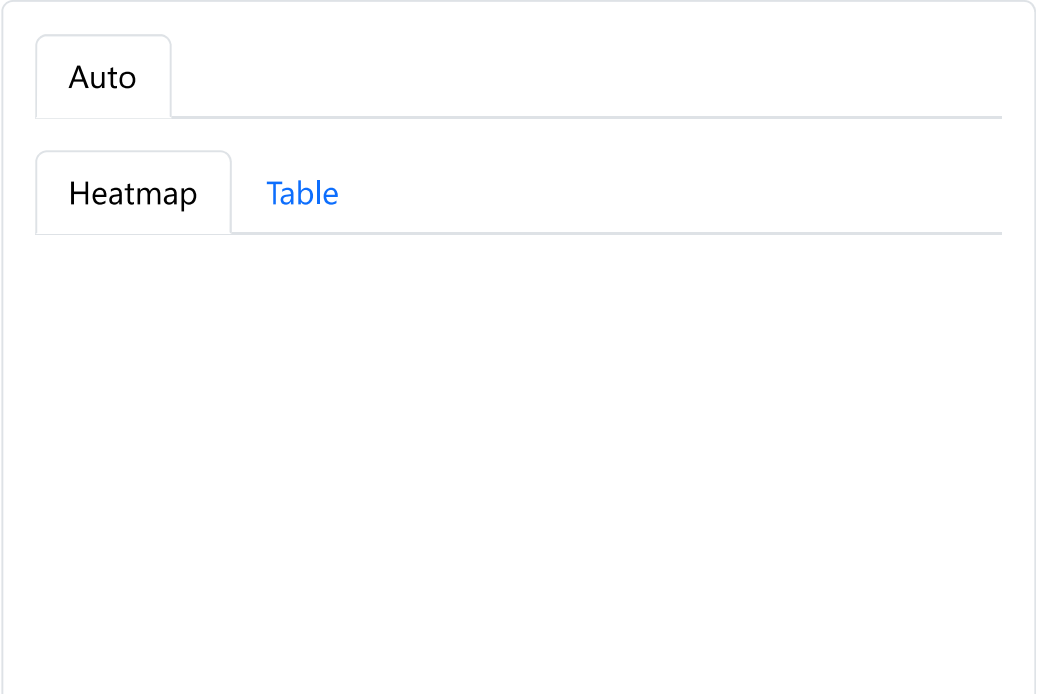
A histogram showing the frequency distribution of data values. The x-axis represents values from 0 to 3000, with major ticks at 1000, 2000, and 3000. The y-axis represents frequency. The distribution is right-skewed, with a peak frequency of approximately 15 occurring between 500 and 1000. There are several smaller peaks at higher values, including one around 2500.

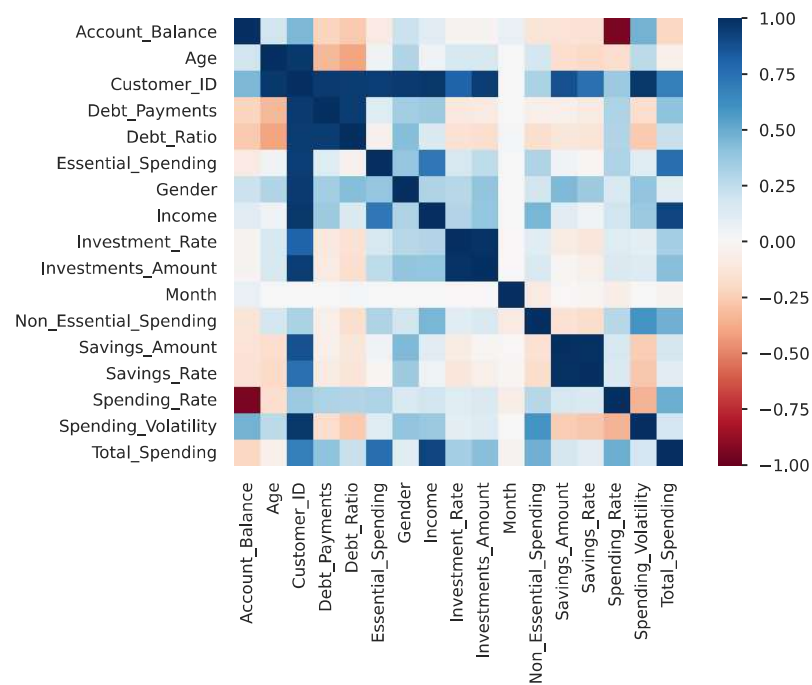
More details

# Interactions



# Correlations

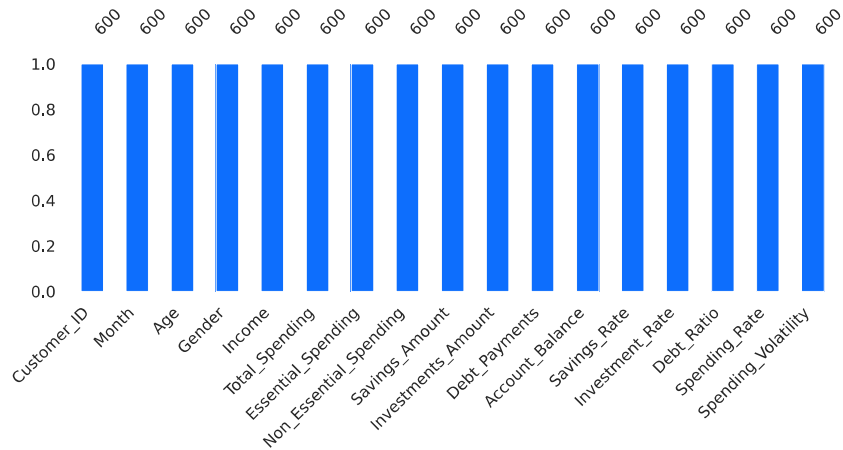




## Missing values

Count

[Matrix](#)



A simple visualization of nullity by column.

## Sample

First rows

[Last rows](#)

|   | Customer_ID | Month | Age | Gender | Income | Total_Spend |
|---|-------------|-------|-----|--------|--------|-------------|
| 0 | CUST1001    | 1     | 23  | Male   | 11337  | 10696.36    |
| 1 | CUST1001    | 2     | 23  | Male   | 11337  | 10357.91    |
| 2 | CUST1001    | 3     | 23  | Male   | 11337  | 9593.21     |
| 3 | CUST1001    | 4     | 23  | Male   | 11337  | 10932.08    |
| 4 | CUST1001    | 5     | 23  | Male   | 11337  | 11251.97    |
| 5 | CUST1001    | 6     | 23  | Male   | 11337  | 10312.72    |

|   | Customer_ID | Month | Age | Gender | Income | Total_Spend |
|---|-------------|-------|-----|--------|--------|-------------|
| 6 | CUST1001    | 7     | 23  | Male   | 11337  | 10863.96    |
| 7 | CUST1001    | 8     | 23  | Male   | 11337  | 10864.78    |
| 8 | CUST1001    | 9     | 23  | Male   | 11337  | 9786.98     |
| 9 | CUST1001    | 10    | 23  | Male   | 11337  | 9904.94     |

Report generated by [YData](#).

