Overview

| Overview | Alerts 5 | Reproduction |

Dataset statistics

Number of variables	19
Number of observations	500
Missing cells	70
Missing cells (%)	0.7%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	74.3 KiB
Average record size in memory	152.3 B

Variable types

Text	1
Numeric	8
Categorical	10

Variables

Select Columns

Customer_ID

Text

Unique

Distinct	500
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

More details

Age

Real number (ℝ)

Distinct	57	**Minimum**	18
Distinct (%)	11.4%	**Maximum**	74
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	46.266	**Memory size**	4.0 KiB
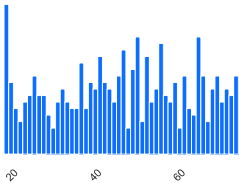
More details

Income

Real number (ℝ)

Missing

Distinct	271	**Minimum**	15404
Distinct	58.8%	**Maximum**	199943
Missing	39	**Zeros (%)**	0.0%
Missing (%)	7.8%	**Negative**	0
Infinite	0	**Negative (%)**	0.0%

EDA Report
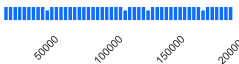
Infinite (%)	0.0%	Memory size	4.0 KiB
Mean	108379.89		

More details

Credit_Score

Real number (ℝ)

Distinct	234	Minimum	301
Distinct (%)	47.0%	Maximum	847
Missing	2	Zeros	0
Missing (%)	0.4%	Zeros (%)	0.0%
Infinite	0	Negative	0
Infinite (%)	0.0%	Negative (%)	0.0%
Mean	577.71687	Memory size	4.0 KiB

More details

Credit_Utilization

Real number (ℝ)

Distinct	492	**Minimum**	0.05
Distinct (%)	98.4%	**Maximum**	1.0258
Missing	0	**Zeros**	0
Missing (%)	0.0%	**Zeros (%)**	0.0%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	0.49144591	**Memory size**	4.0 KiB
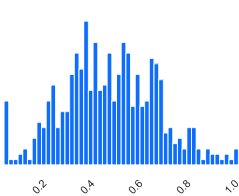
More details

Missed_Payments

Real number (ℝ)

Zeros

Distinct	7	**Minimum**	0
Distinct (%)	1.4%	**Maximum**	6
Missing	0	**Zeros**	77
Missing (%)	0.0%	**Zeros (%)**	15.4%
Infinite	0	**Negative**	0
Infinite (%)	0.0%	**Negative (%)**	0.0%
Mean	2.968	**Memory size**	4.0 KiB
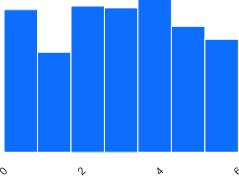
Delinquent_Account

Categorical

Distinct	2
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

0	420
1	80

Loan_Balance

Real number (ℝ)

Missing

Distinct	300	**Minimum**	612	
Distinct (%)	63.7%	**Maximum**	99620	
Missing	29	**Zeros**	0	
Missing (%)	5.8%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	48654.429	**Memory size**	4.0 KiB	
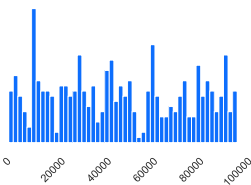
Debt_to_Income_Ratio

Real number (ℝ)

Distinct	487	**Minimum**	0.1	
Distinct (%)	97.4%	**Maximum**	0.5529	
Missing	0	**Zeros**	0	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	0.29886164	**Memory size**	4.0 KiB	
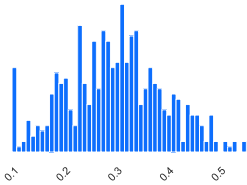
Employment_Status

Categorical

Distinct	6	Unempl...	93
Distinct (%)	1.2%	retired	87
Missing	0	Employed	82
Missing (%)	0.0%	EMP	81
Memory size	4.0 KiB	Self-em...	80

More details

Account_Tenure

Real number (ℝ)

Zeros

Distinct	20	**Minimum**	0	
Distinct (%)	4.0%	**Maximum**	19	
Missing	0	**Zeros**	28	
Missing (%)	0.0%	**Zeros (%)**	5.6%	
Infinite	0	**Negative**	0	
Infinite (%)	0.0%	**Negative (%)**	0.0%	
Mean	9.74	**Memory size**	4.0 KiB	
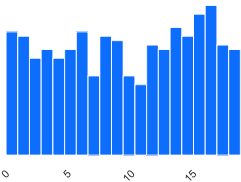
More details

Credit_Card_Type

Categorical

Distinct	5	Gold	118
Distinct (%)	1.0%	Student	112
Missing	0	Business	108
Missing (%)	0.0%	Standard	86
Memory size	4.0 KiB	Platinum	76

More details

Location

Categorical

Distinct	5	Los Ang...	107
Distinct (%)	1.0%	Phoenix	103
Missing	0	Chicago	103
Missing (%)	0.0%	Houston	95
Memory size	4.0 KiB	New York	92

More details

Month_1

Categorical

Distinct	3	On-time	177
Distinct (%)	0.6%	Missed	164
Missing	0	Late	159
Missing (%)	0.0%		
Memory size	4.0 KiB		

More details

Month_2

Categorical

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

Late   173
Missed   167
On-time   160

More details

Month_3
Categorical

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

Late   169
On-time   169
Missed   162

More details

Month_4
Categorical

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

Late   181
Missed   160
On-time   159

More details

Month_5
Categorical

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

Missed	187
On-time	162
Late	151

More details

Month_6
Categorical

Distinct	3
Distinct (%)	0.6%
Missing	0
Missing (%)	0.0%
Memory size	4.0 KiB

Late	172
Missed	168
On-time	160

More details

Interactions

Age	Income	Credit_Score	Credit_Utilization

Missed_Payments   Loan_Balance   Debt_to_Income_Ratio

Account_Tenure

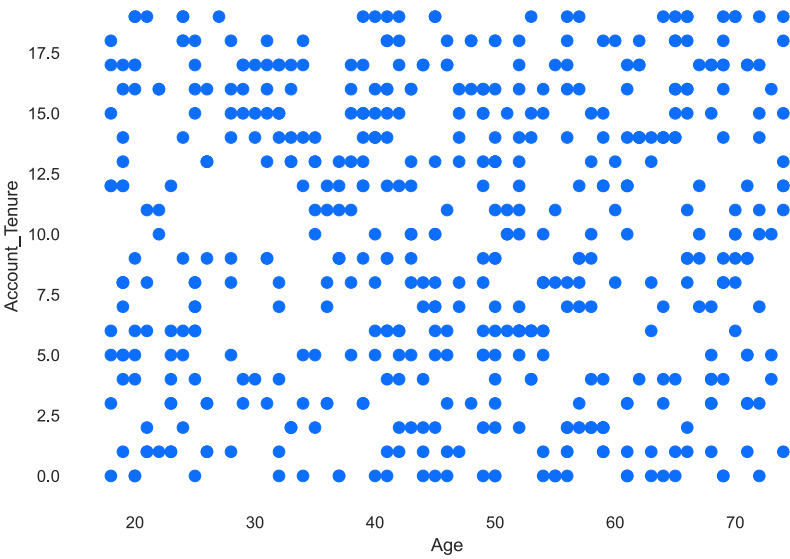| Account_Tenure | Age | Income | Credit_Score |

Credit_Utilization   Missed_Payments   Loan_Balance

Debt_to_Income_Ratio

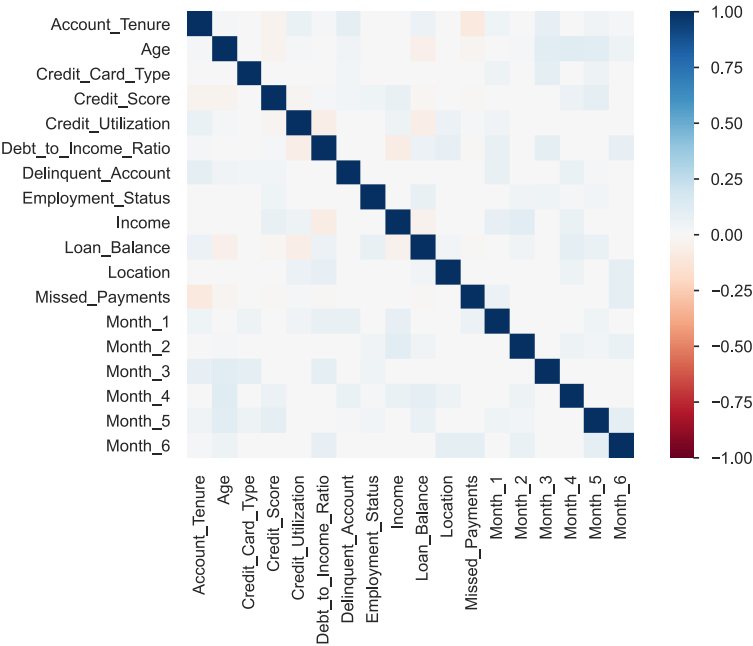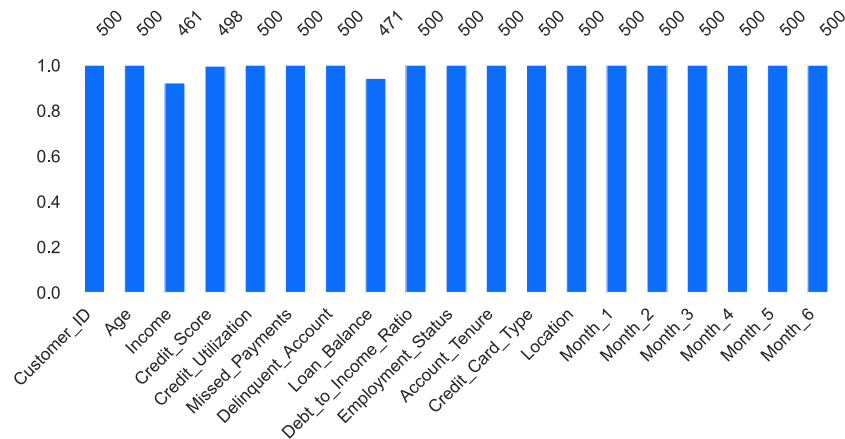

Correlations

Auto

Heatmap   Table

Missing values

Count   Matrix   Heatmap

A simple visualization of nullity by column.

Sample

First rows   Last rows

	Customer_ID	Age	Income	Credit_Score	Credit_Utiliza...
0	CUST0001	56	165580.0	398.0	0.390502
1	CUST0002	69	100999.0	493.0	0.312444
2	CUST0003	46	188416.0	500.0	0.359930
3	CUST0004	32	101672.0	413.0	0.371400
4	CUST0005	60	38524.0	487.0	0.234716
5	CUST0006	25	84042.0	700.0	0.650540

	Customer_ID	Age	Income	Credit_Score	Credit_Utiliza...
6	CUST0007	38	35056.0	354.0	0.390581
7	CUST0008	56	123215.0	415.0	0.532715
8	CUST0009	36	66991.0	405.0	0.413035
9	CUST0010	40	34870.0	679.0	0.361824

Report generated by YData.