

## Overview

Overview

Alerts4

Reproduction

Dataset statistics

Number of variables	13
Number of observations	614
Missing cells	149
Missing cells (%)	1.9%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	62.5 KiB
Average record size in memory	104.2 B

Variable types

Categorical	6
Boolean	3
Numeric	4

## Variables

Loan\_ID

Categorical

HIGH CARDINALITY

UNIFORM

UNIQUE

Distinct	614
Distinct (%)	100.0%
Missing	0
Missing (%)	0.0%
Memory size	4.9 KiB

LP001002

1

LP002328

1

LP002305

1

LP002308

1

LP002314

1

Other values ...

609

More details

Gender

Categorical

Distinct	2
Distinct (%)	0.3%
Missing	13
Missing (%)	2.1%
Memory size	4.9 KiB

Male

489

Female

112

More details

Married

Boolean

Distinct	2
Distinct (%)	0.3%
Missing	3
Missing (%)	0.5%
Memory size	1.3 KiB

True

398

False

213

(Missing)

3

More details

Dependents

Categorical

Distinct	4
Distinct (%)	0.7%
Missing	15
Missing (%)	2.4%
Memory size	4.9 KiB

0

345

1

102

2

101

3+

51

More details

Education

Categorical

Distinct	2
Distinct (%)	0.3%
Missing	0
Missing (%)	0.0%
Memory size	4.9 KiB

Graduate

489

Not Graduate

134

More details

Self\_Employed

Boolean

Distinct	2
Distinct (%)	0.3%
Missing	32
Missing (%)	5.2%
Memory size	1.3 KiB

False

500

True

32

(Missing)

32

More details

ApplicantIncome

Real number (f)

Distinct	505
Distinct (%)	82.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	5403.4593

Minimum

150

Maximum

81000

Zeros

0

Zeros (%)

0.0%

Negative

0

Negative (%)

0.0%

Memory size

4.9 KiB

0

20000

40000

60000

80000

More details

CoapplicantIncome

Real number (f)

Distinct	287
Distinct (%)	46.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	1621.2458

Minimum

0

Maximum

41667

Zeros

273

Zeros (%)

44.5%

Negative

0

Negative (%)

0.0%

Memory size

4.9 KiB

0

10000

20000

30000

40000

More details

LoanAmount

Real number (f)

HIGH CORRELATION

MISSING

Distinct	203
Distinct (%)	34.3%
Missing	22
Missing (%)	3.6%
Infinite	0
Infinite (%)	0.0%
Mean	146.41216

Minimum

9

Maximum

700

Zeros

0

Zeros (%)

0.0%

Negative

0

Negative (%)

0.0%

Memory size

4.9 KiB

0

200

400

600

More details

Loan\_Amount\_Term

Real number (f)

Distinct	10
Distinct (%)	1.7%
Missing	14
Missing (%)	2.3%
Infinite	0
Infinite (%)	0.0%
Mean	342

Minimum

12

Maximum

480

Zeros

0

Zeros (%)

0.0%

Negative

0

Negative (%)

0.0%

Memory size

4.9 KiB

0

100

200

300

400

500

More details

Credit\_History

Categorical

HIGH CORRELATION

MISSING

Distinct	2
Distinct (%)	0.4%
Missing	50
Missing (%)	8.1%
Memory size	4.9 KiB

1.0

475

0.0

89

More details

Property\_Area

Categorical

Distinct	3
Distinct (%)	0.5%
Missing	0
Missing (%)	0.0%
Memory size	4.9 KiB

Semiurban

233

Urban

202

Rural

179

More details

Loan\_Status

Boolean

Distinct	2
Distinct (%)	0.3%
Missing	0
Missing (%)	0.0%
Memory size	742.0 B

True

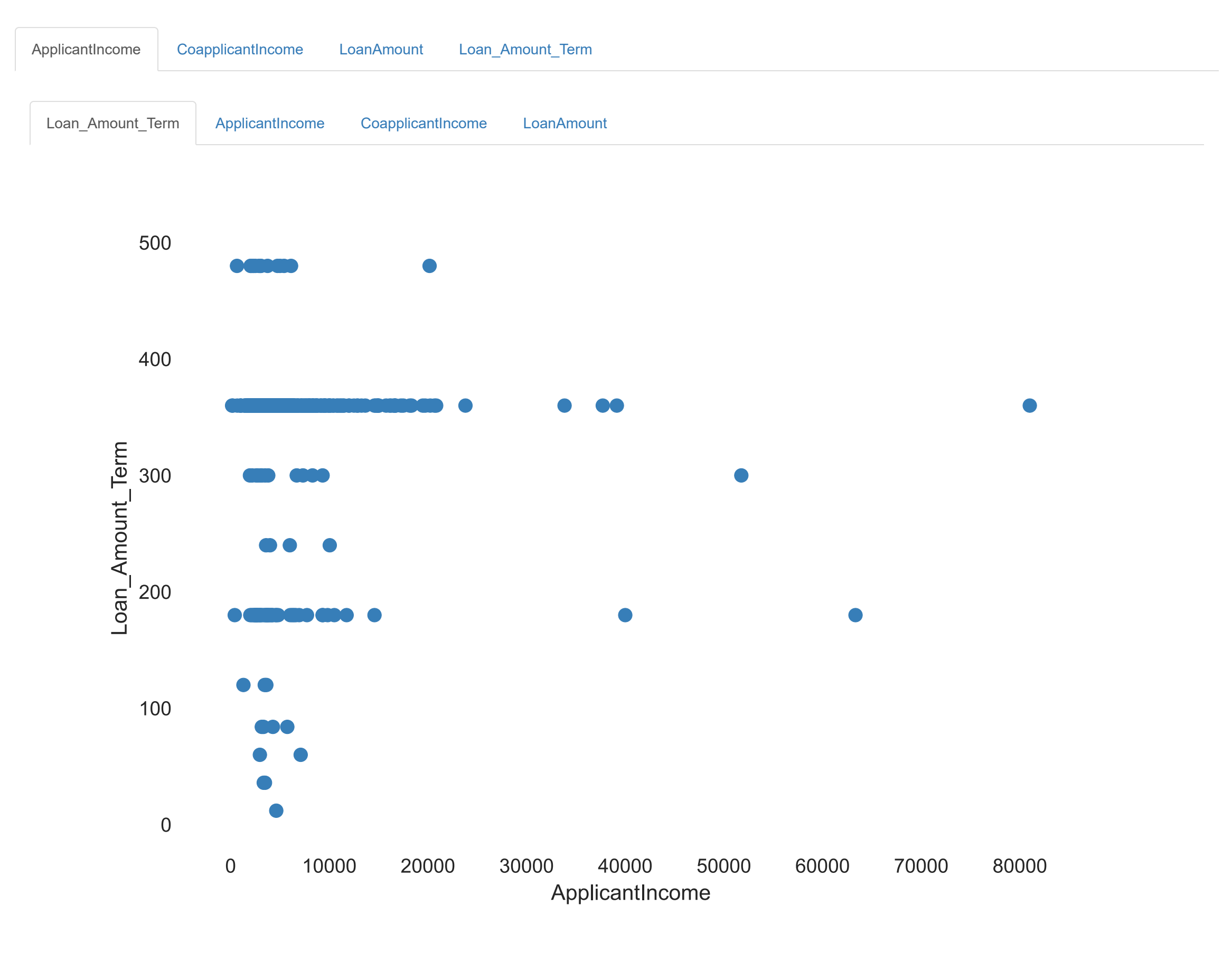
422

False

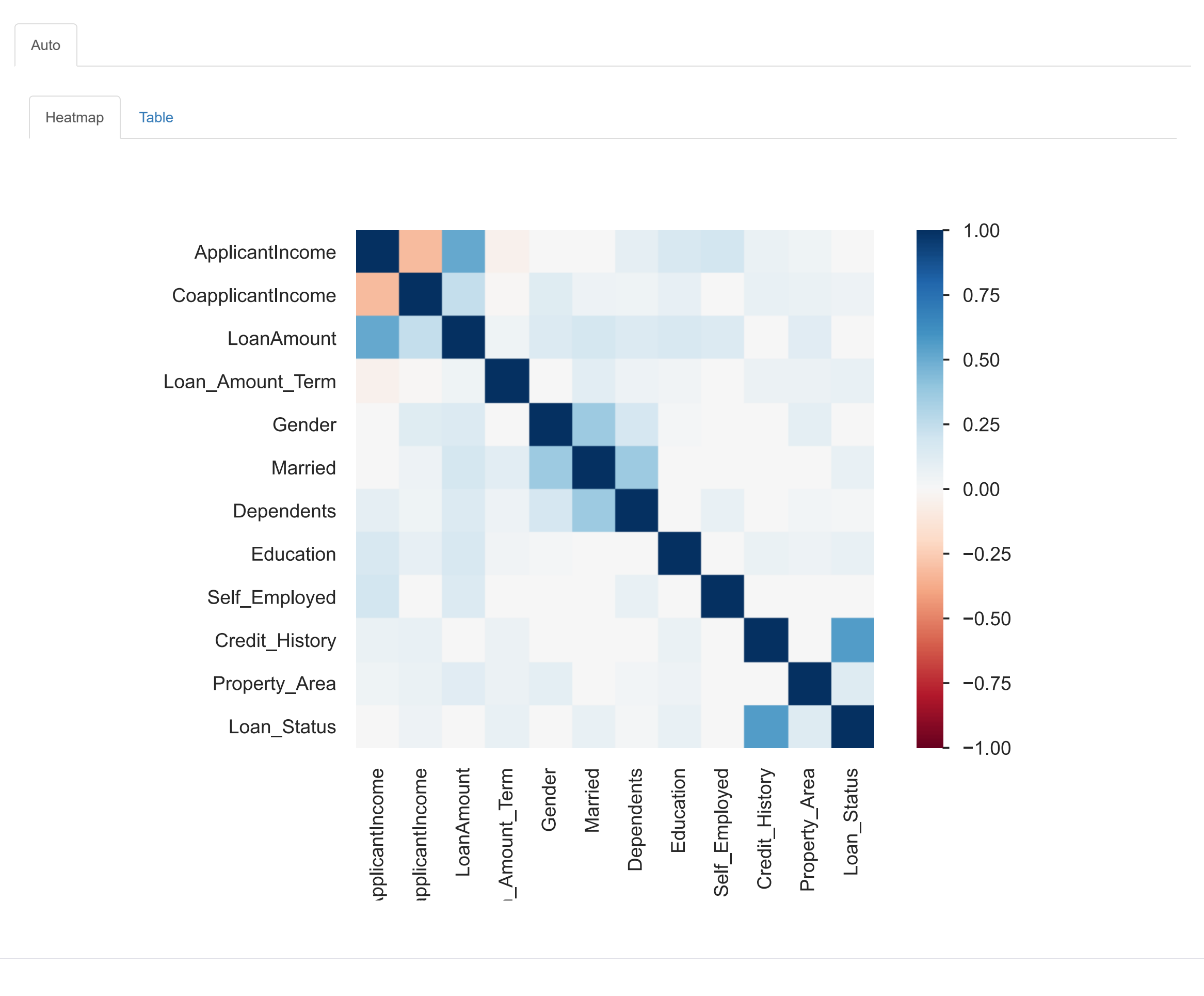
192

More details

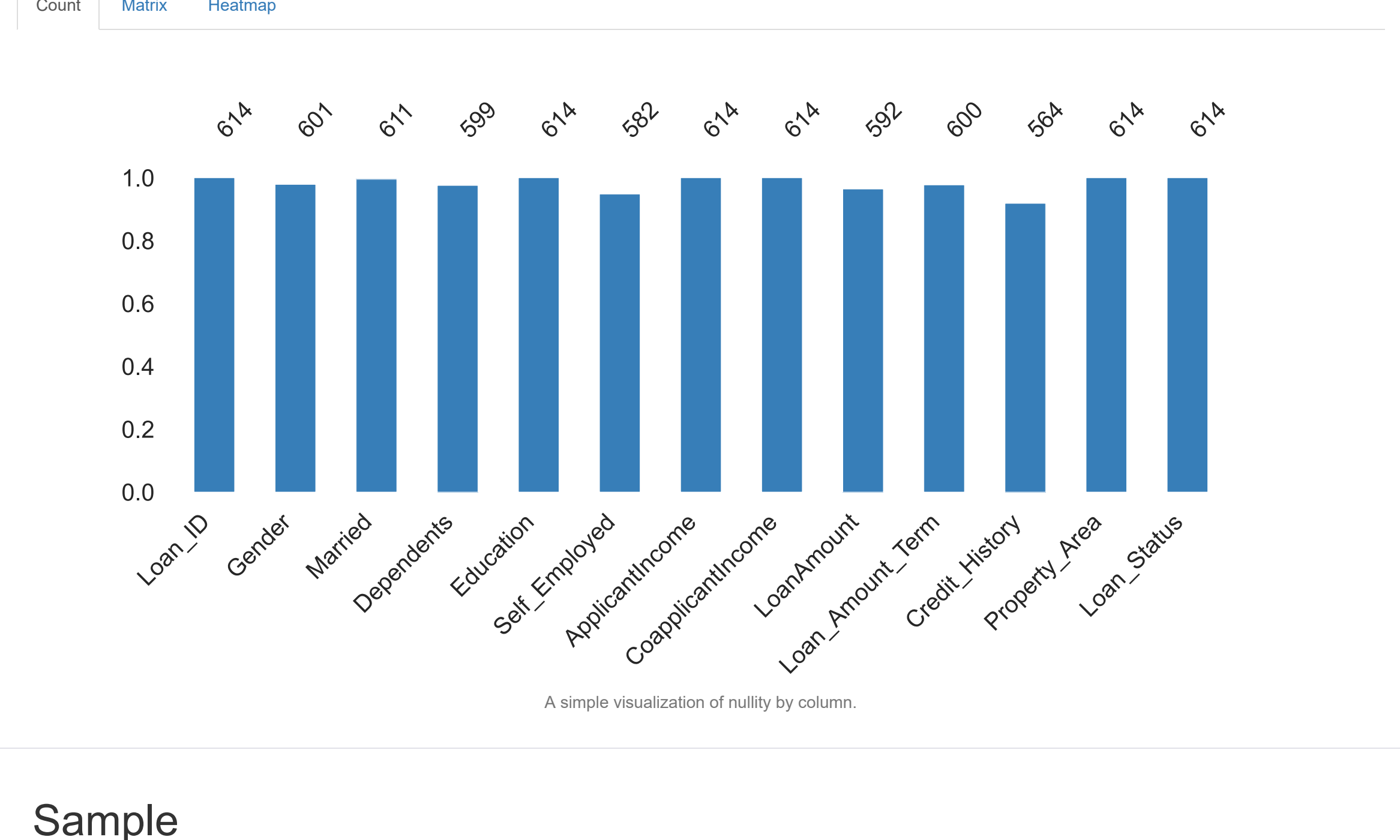
## Interactions



## Correlations



## Missing values



## Sample

	Loan_ID	Gender	Married	Dependents	Education	Self_Employed	ApplicantIncome	CoapplicantIncome	LoanAmount	Loan_Amount_Term
0	LP001002	Male	No	0	Graduate	No	5849	0.0	NaN	360.0
1	LP001003	Male	Yes	1	Graduate	No	4583	1508.0	128.0	360.0
2	LP001005	Male	Yes	0	Graduate	Yes	3000	0.0	66.0	360.0
3	LP001006	Male	Yes	0	Not Graduate	No	2583	2358.0	120.0	360.0
4	LP001008	Male	No	0	Graduate	No	6000	0.0	141.0	360.0
5	LP001011	Male	Yes	2	Graduate	Yes	5417	4196.0	267.0	360.0
6	LP001013	Male	Yes	0	Not Graduate	No	2333	1516.0	95.0	360.0
7	LP001014	Male	Yes	3+	Graduate	No	3036	2504.0	158.0	360.0
8	LP001018	Male	Yes	2	Graduate	No	4006	1526.0	168.0	360.0
9	LP001020	Male	Yes	1	Graduate	No	12841	10968.0	349.0	360.0