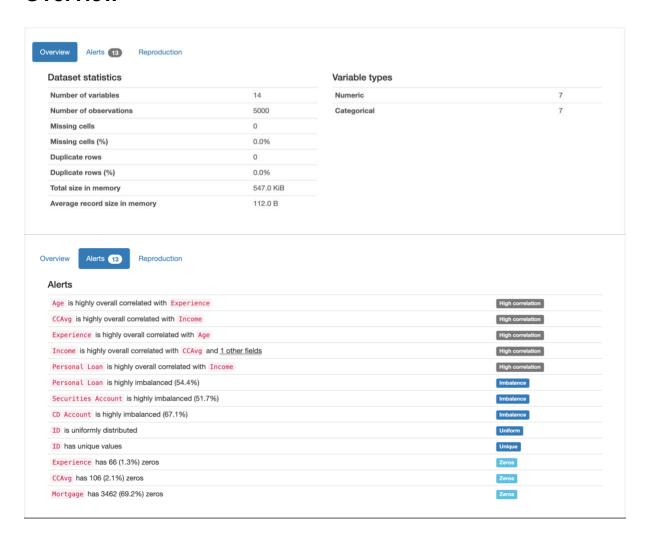
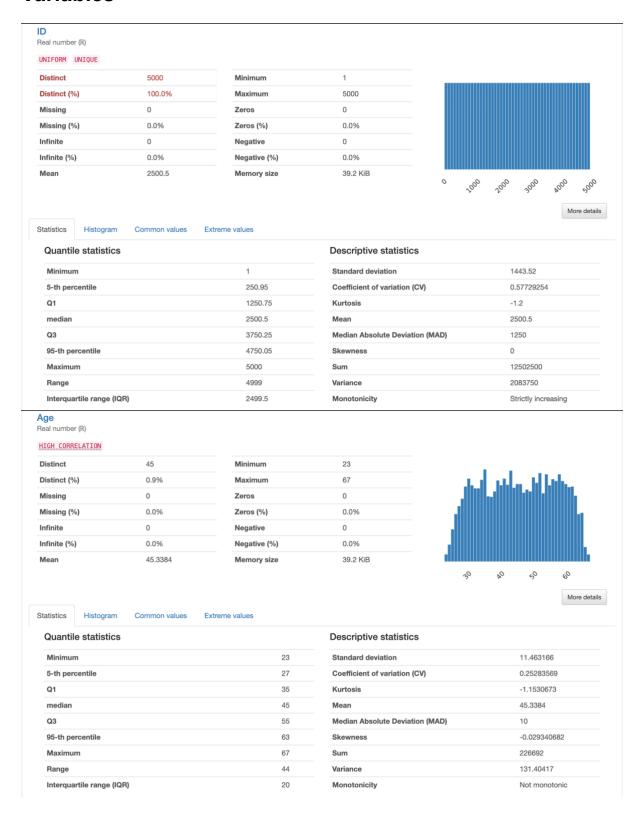
Profile Report for Personal Loan Modelling Dataset

Overview



Variables



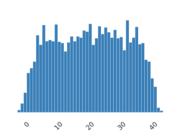
Experience

Real number (R)

HIGH CORRELATION ZEROS

Distinct	47
Distinct (%)	0.9%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	20.1046

Minimum	-3
Maximum	43
Zeros	66
Zeros (%)	1.3%
Negative	52
Negative (%)	1.0%
Memory size	39.2 KiB



More details

Statistics	Histogram	Common values	Extreme values

Quantile statistics	
Minimum	-3
5-th percentile	2
Q1	10
median	20
Q3	30
95-th percentile	38
Maximum	43
Range	46
Interquartile range (IQR)	20

Descriptive statistics	
Standard deviation	11.467954
Coefficient of variation (CV)	0.57041442
Kurtosis	-1.1215228
Mean	20.1046
Median Absolute Deviation (MAD)	10
Skewness	-0.026324688
Sum	100523
Variance	131.51396
Monotonicity	Not monotonic

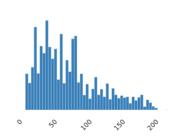
Income

Real number (R)

HIGH CORRELATION

Distinct	162
Distinct (%)	3.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%
Mean	73.7742

Minimum	8
Maximum	224
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	39.2 KiB



More details

Statistics Histogram Common values Extreme values

0	itatistics	Histogram	Common values	Extreme values		
	Quantil	e statistics				
	Minimur	m			8	
	5-th per	centile			18	
	Q1				39	
	median				64	
	Q3				98	
	95-th pe	rcentile			170	
	Maximu	m			224	
	Range				216	
	Interqua	rtile range (IQR)			59	

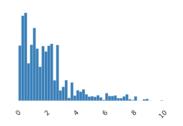
Descri	ntive	statistics
Descri	Duve	Statistics

Standard deviation	46.033729
Coefficient of variation (CV)	0.62398141
Kurtosis	-0.04424419
Mean	73.7742
Median Absolute Deviation (MAD)	29
Skewness	0.84133861
	0.84133861 368871
Skewness	





Minimum	0
Maximum	10
Zeros	106
Zeros (%)	2.1%
Negative	0
Negative (%)	0.0%
Memory size	39.2 KiB



Statistics	Histogram	Common values	Extreme values		
Quantile	e statistics				
Minimun	1			0	
5-th perc	entile			0.1	
Q1				0.7	
median				1.5	
Q3				2.5	
95-th per	rcentile			6	
Maximur	m			10	
Range				10	
Interqua	rtile range (IQR	1)		1.8	

Standard deviation	1.747659
Coefficient of variation (CV)	0.90181367
Kurtosis	2.6467064
Mean	1.937938
Median Absolute Deviation (MAD)	0.9
Skewness	1.5984433
Sum	9689.69
Variance	3.0543119
Monotonicity	Not monotonic



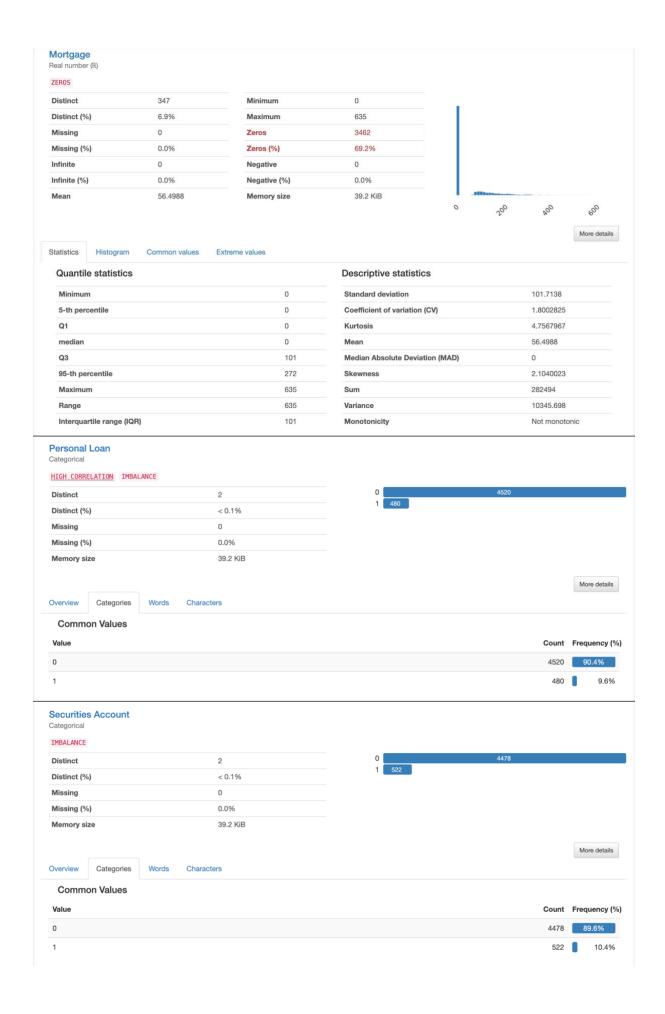
3 1501 2 1403	1	2096
2 1403	3	1501
	2	1403

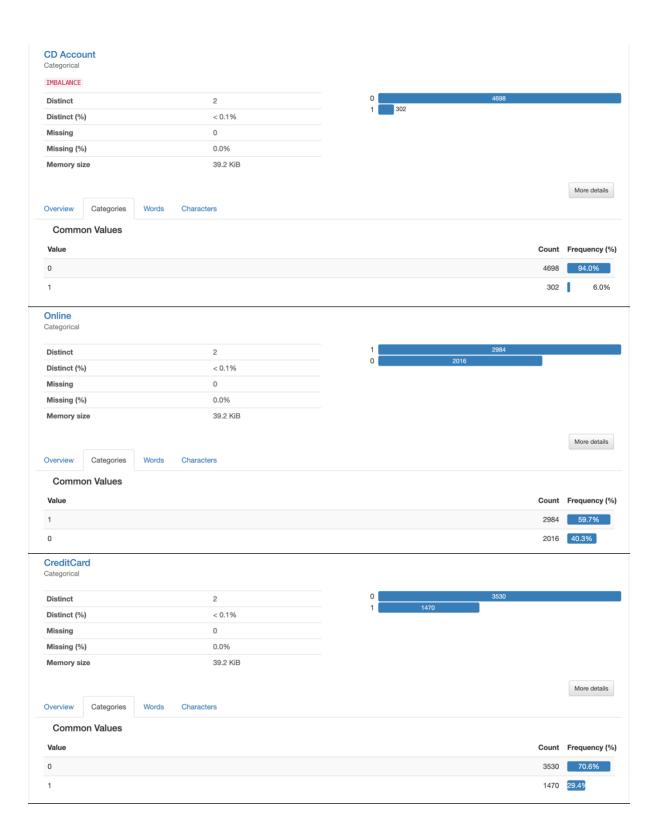
More details

Count Frequency (%)

More details

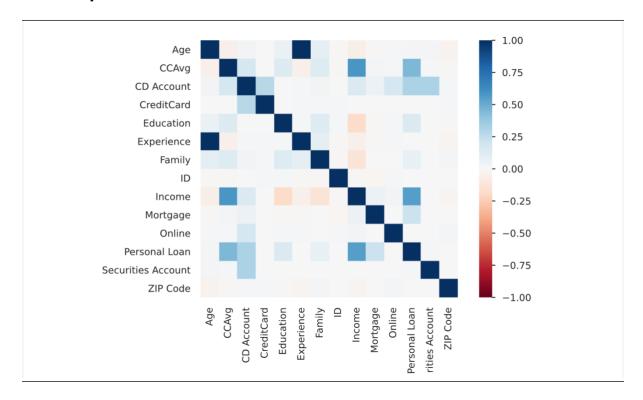
1	2096	41.9%
3	1501	30.0%
2	1403	28.1%





Correlations

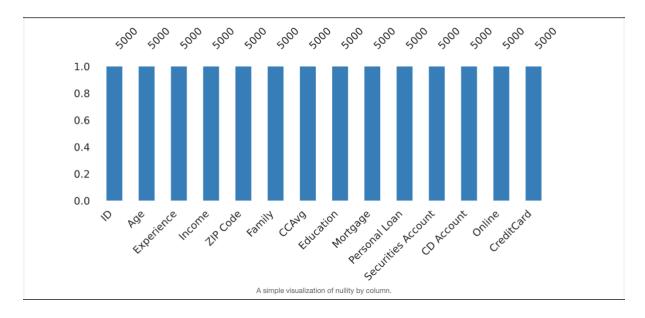
Heatmap



Table

	Age	CCAvg	CD Account	CreditCard	Education	Experience	Family	ID	Income	Mortgage	Online	Personal Loan
Age	1.000	-0.050	0.036	0.000	0.069	0.994	0.094	-0.009	-0.057	-0.011	0.020	0.030
CCAvg	-0.050	1.000	0.174	0.000	0.139	-0.051	0.125	-0.014	0.580	0.024	0.019	0.448
CD Account	0.036	0.174	1.000	0.277	0.000	0.009	0.038	-0.007	0.141	0.056	0.174	0.315
CreditCard	0.000	0.000	0.277	1.000	0.000	0.008	0.013	0.017	-0.003	-0.004	0.000	0.000
Education	0.069	0.139	0.000	0.000	1.000	0.013	0.128	0.021	-0.183	-0.012	0.018	0.148
Experience	0.994	-0.051	0.009	0.008	0.013	1.000	0.097	-0.008	-0.050	-0.009	0.022	0.000
Family	0.094	0.125	0.038	0.013	0.128	0.097	1.000	-0.015	-0.133	-0.001	0.000	0.073
ID	-0.009	-0.014	-0.007	0.017	0.021	-0.008	-0.015	1.000	-0.015	-0.019	0.023	0.003
Income	-0.057	0.580	0.141	-0.003	-0.183	-0.050	-0.133	-0.015	1.000	0.061	0.038	0.550
Mortgage	-0.011	0.024	0.056	-0.004	-0.012	-0.009	-0.001	-0.019	0.061	1.000	0.000	0.218
Online	0.020	0.019	0.174	0.000	0.018	0.022	0.000	0.023	0.038	0.000	1.000	0.000
Personal Loan	0.030	0.448	0.315	0.000	0.148	0.000	0.073	0.003	0.550	0.218	0.000	1.000
Securities Account	0.025	0.016	0.315	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.015
ZIP Code	-0.031	-0.015	0.021	0.022	-0.010	-0.031	0.026	0.002	-0.031	0.006	0.029	-0.000

Missing Value



Sample

	ID	Age	Experience	Income	ZIP Code	Family	CCAvg	Education	Mortgage	Personal Loan	Securities Account	CD Account	Online	CreditCard
0	1	25	1	49	91107	4	1.6	1	0	0	1	0	0	0
1	2	45	19	34	90089	3	1.5	1	0	0	1	0	0	0
2	3	39	15	11	94720	1	1.0	1	0	0	0	0	0	0
3	4	35	9	100	94112	1	2.7	2	0	0	0	0	0	0
4	5	35	8	45	91330	4	1.0	2	0	0	0	0	0	1
5	6	37	13	29	92121	4	0.4	2	155	0	0	0	1	0
6	7	53	27	72	91711	2	1.5	2	0	0	0	0	1	0
7	8	50	24	22	93943	1	0.3	3	0	0	0	0	0	1
8	9	35	10	81	90089	3	0.6	2	104	0	0	0	1	0
9	10	34	9	180	93023	1	8.9	3	0	1	0	0	0	0