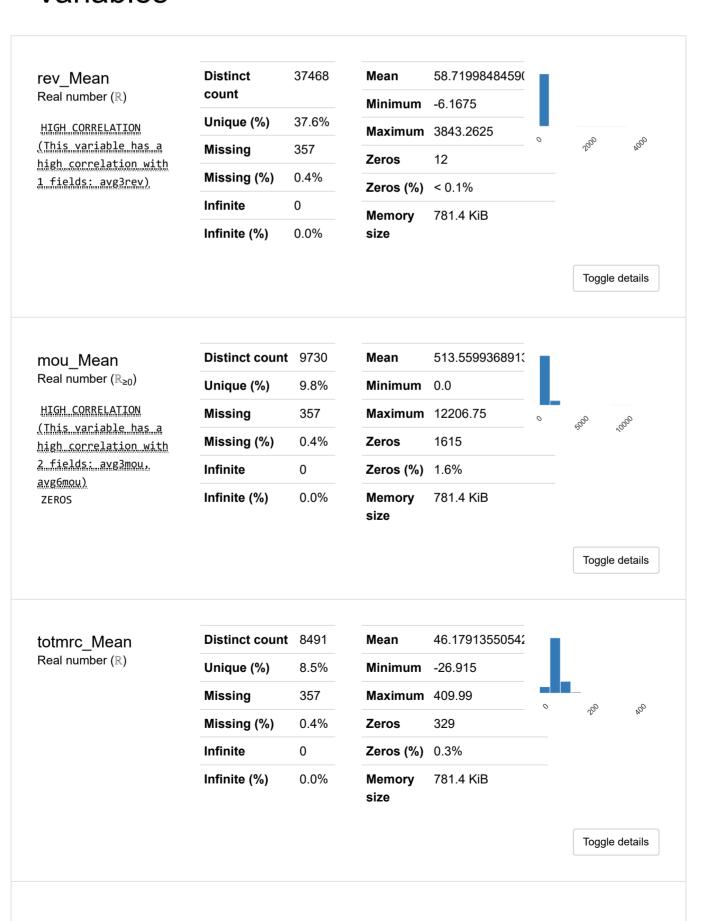
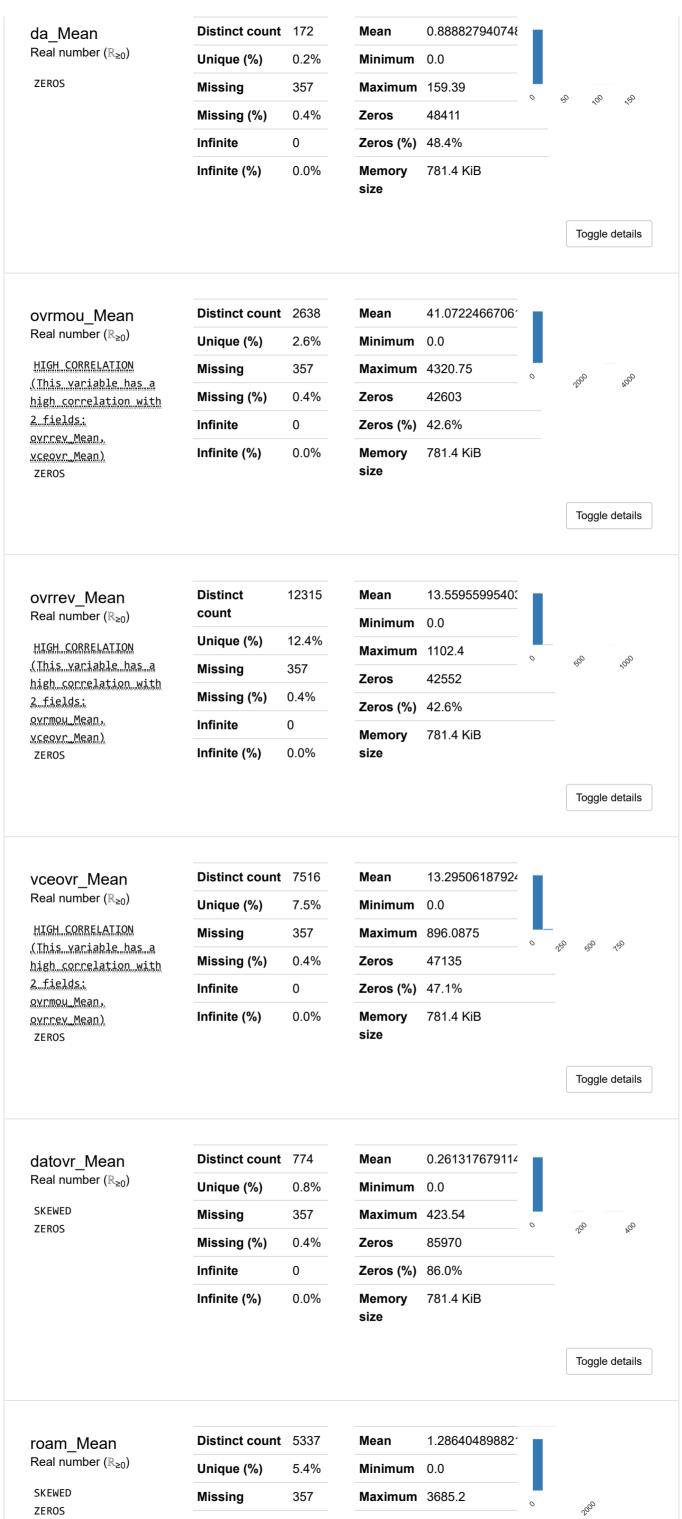
Overview

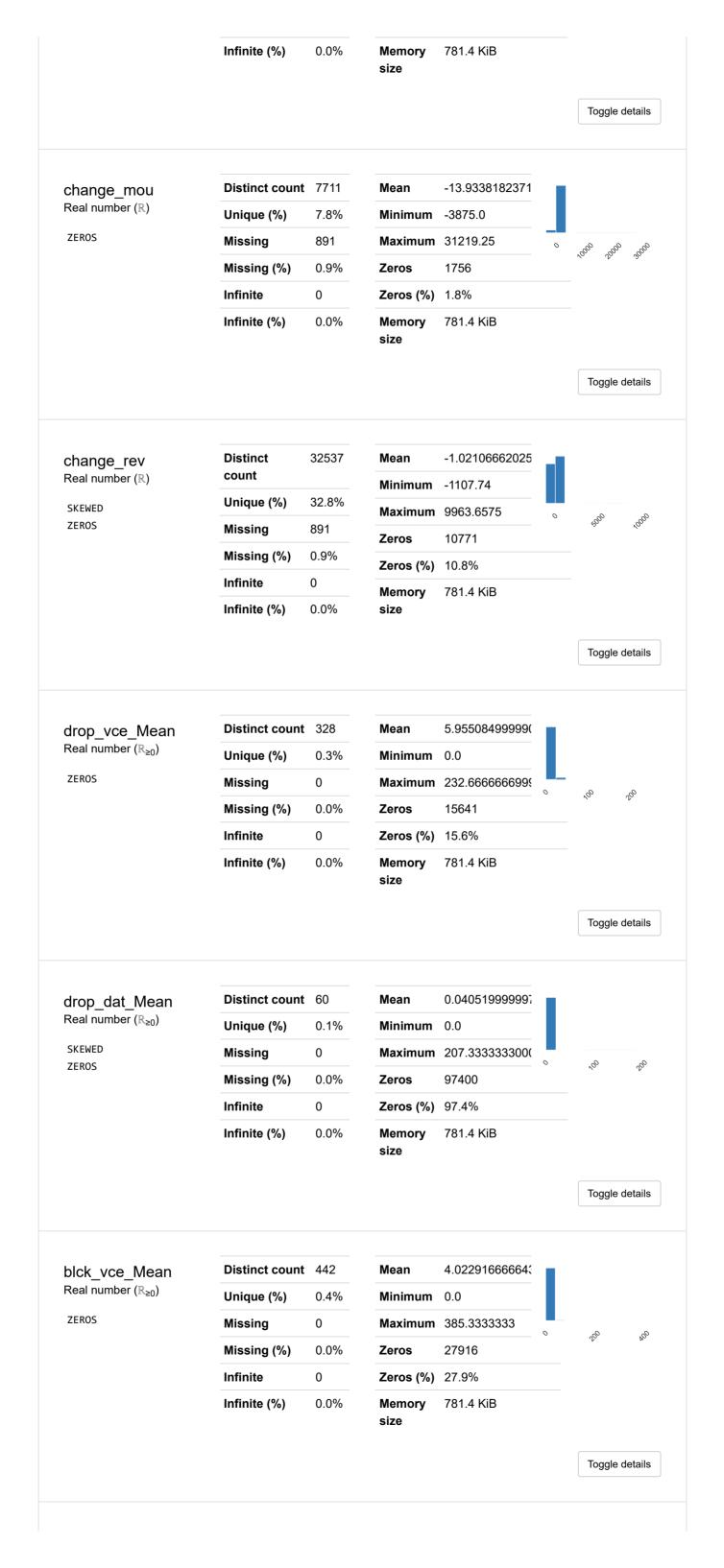
Overview Reproduction Warni	ings 130		
Dataset statistics		Variable types	
Number of variables	100	NUM	74
Number of observations	100000	CAT	20
Missing cells	342969	BOOL	6
Missing cells (%)	3.4%		
Duplicate rows	0		
Duplicate rows (%)	0.0%		
Total size in memory	179.7 MiB		
Average record size in memory	1.8 KiB		

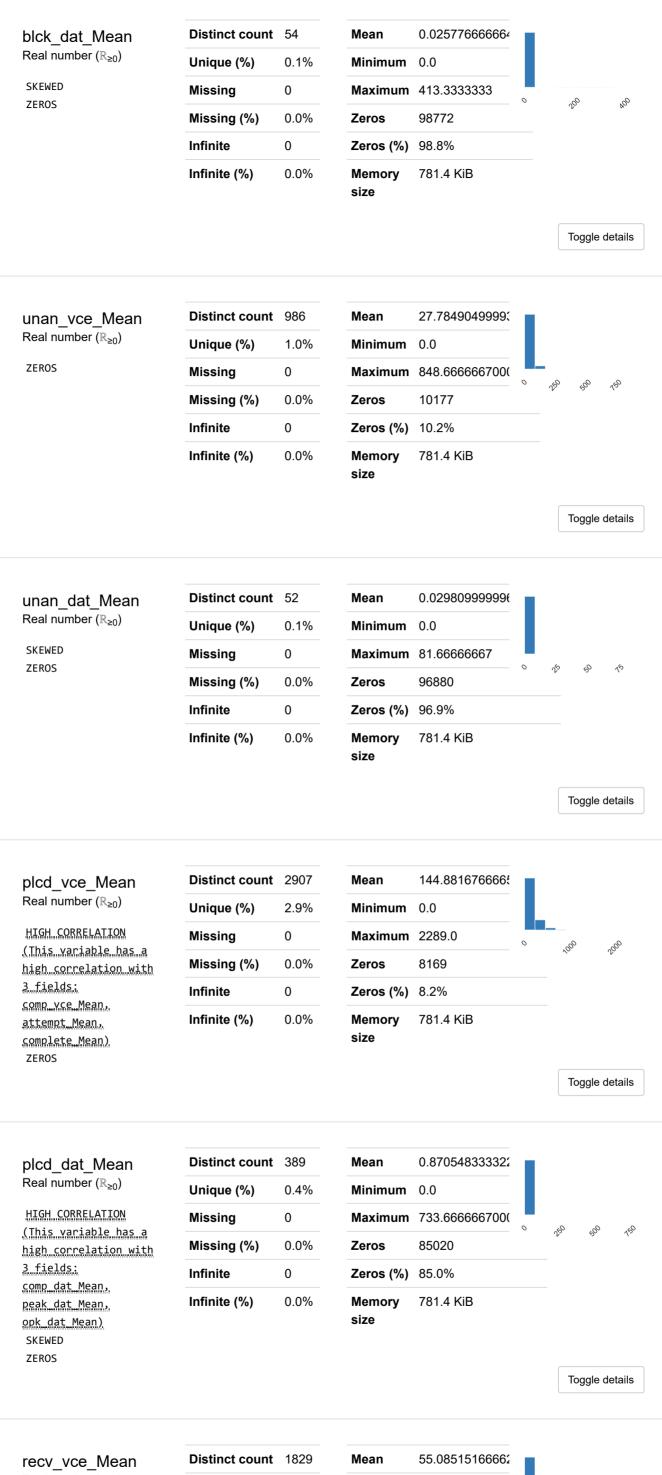
Variables



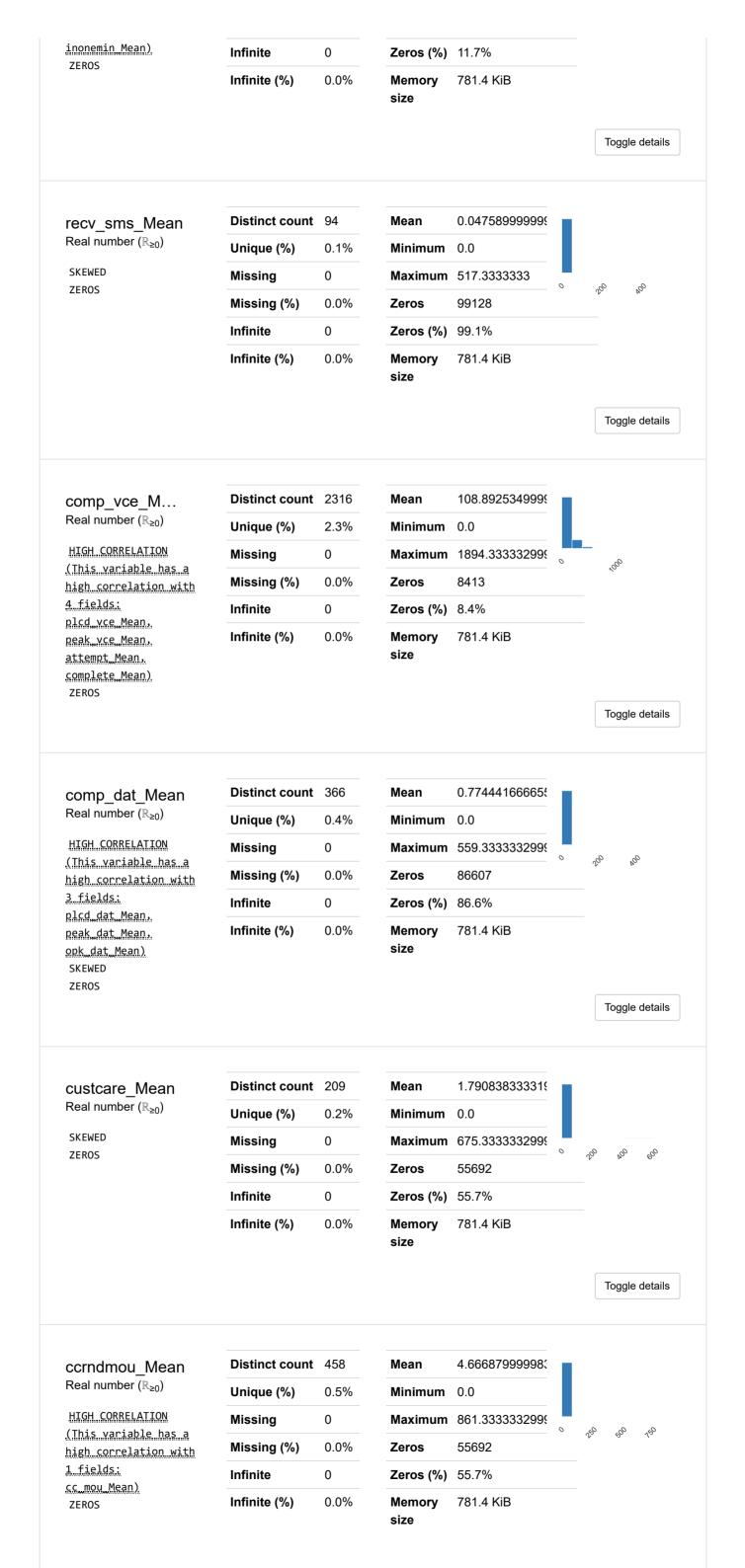


roam_Mean	Distinct count	5337	Mean	1.28640489882		
Real number ($\mathbb{R}_{\geq 0}$)	Unique (%)	5.4%	Minimum	0.0		
SKEWED	Missing	357	Maximum	3685.2	0	2000
ZEROS	Missing (%)	0.4%	Zeros	68650		W.
	Infinite	0	Zeros (%)	68.7%		





recv_vce_Mean	Distinct count	1829	Mean	55.08515166662				
Real number $(\mathbb{R}_{\geq 0})$	Unique (%)	1.8%	Minimum	0.0				
HIGH CORRELATION	Missing	0	Maximum	3369.333333	0	_ 00	00	3000
(This variable has a high correlation with	Missing (%)	0.0%	Zeros	11676		70	Ŷ	3 ³
<u>1 fields:</u>								



Toggle details

cc_mou_Mean Real number ($\mathbb{R}_{\geq 0}$)

HIGH CORRELATION
(This variable has a high correlation with 1 fields:
ccrndmou_Mean)
ZEROS

Distinct count	9231
Unique (%)	9.2%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	3.68332791666				
Minimum	0.0				
Maximum	602.95	0	200	400	600
Zeros	55692		γ	₩°	8
Zeros (%)	55.7%				
Memory size	781.4 KiB				

Toggle details

inonemin_Mean

Real number (ℝ_{≥0})

HIGH CORRELATION
(This variable has a high correlation with 1 fields: recy_vce_Mean).
ZEROS

Distinct count	1312
Unique (%)	1.3%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	29.76654999995				
Minimum	0.0				
Maximum	3086.666667	0	,000	2000	- CO
Zeros	13025		, No	v	%
Zeros (%)	13.0%				
Memory size	781.4 KiB				

Toggle details

threeway_Mean

Real number $(\mathbb{R}_{\geq 0})$

ZEROS

Distinct count	91
Unique (%)	0.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	0.284719999977				
Minimum	0.0				
Maximum	66.0	0	20	40	60
Zeros	73439		2	K 2	8
Zeros (%)	73.4%				
Memory size	781.4 KiB				

Toggle details

$\begin{array}{l} mou_cvce_M... \\ \text{Real number } (\mathbb{R}_{\geq 0}) \end{array}$

ZEROS

Distinct count	68951
Unique (%)	69.0%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	227.7635197666			
Minimum	0.0			
Maximum	4514.453332999	0		400
Zeros	8414		₽	W
Zeros (%)	8.4%			
Memory size	781.4 KiB			

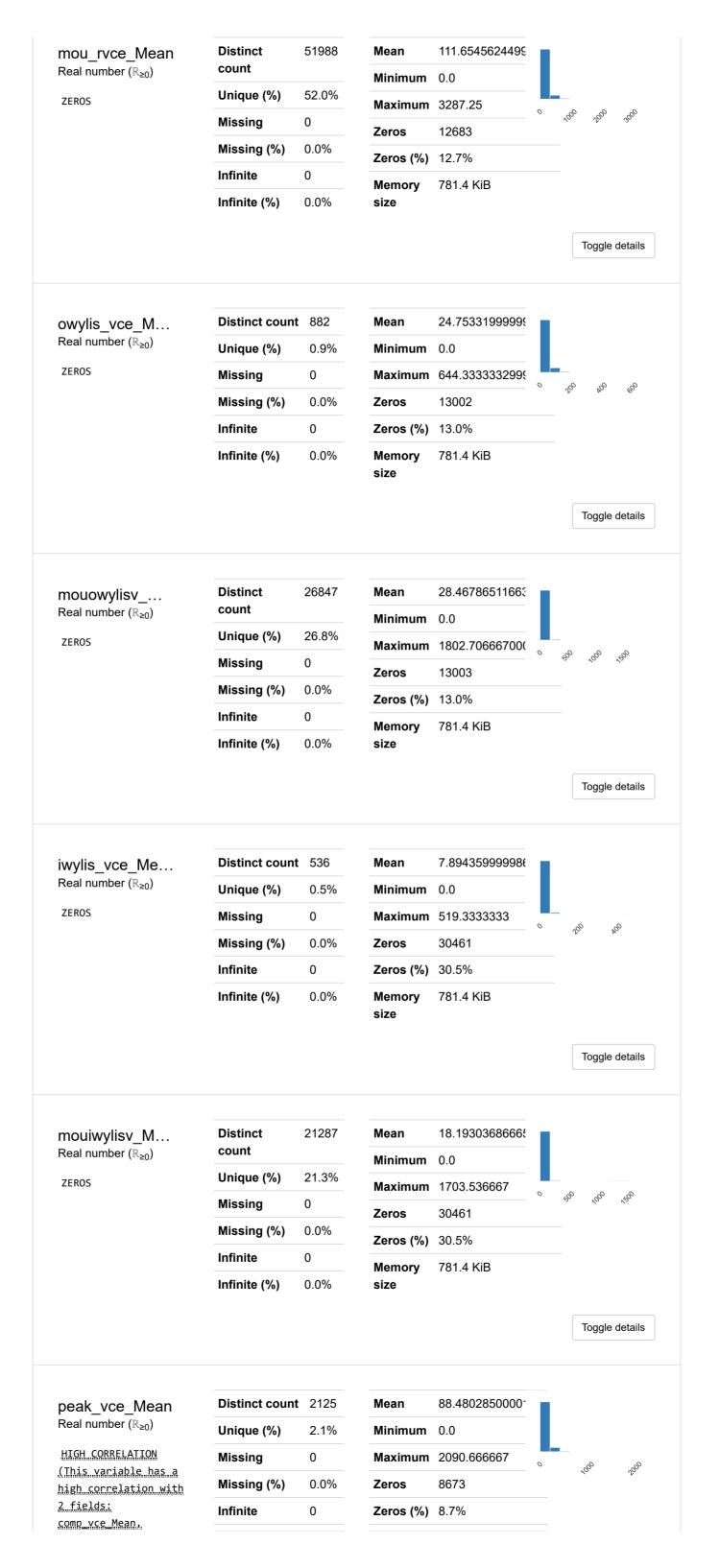
Toggle details

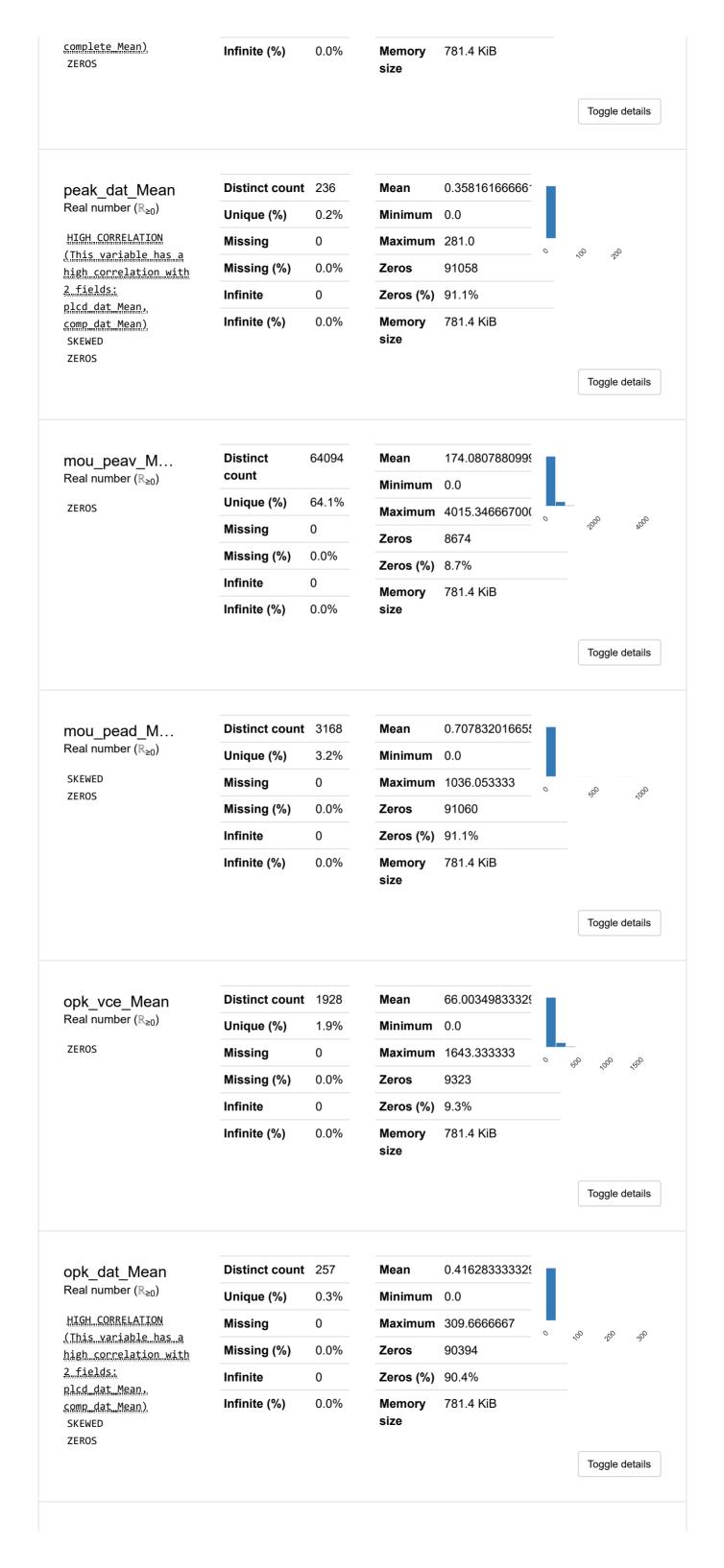
$\begin{array}{ll} mou_cdat_Mean \\ \text{Real number } (\mathbb{R}_{\geq 0}) \end{array}$

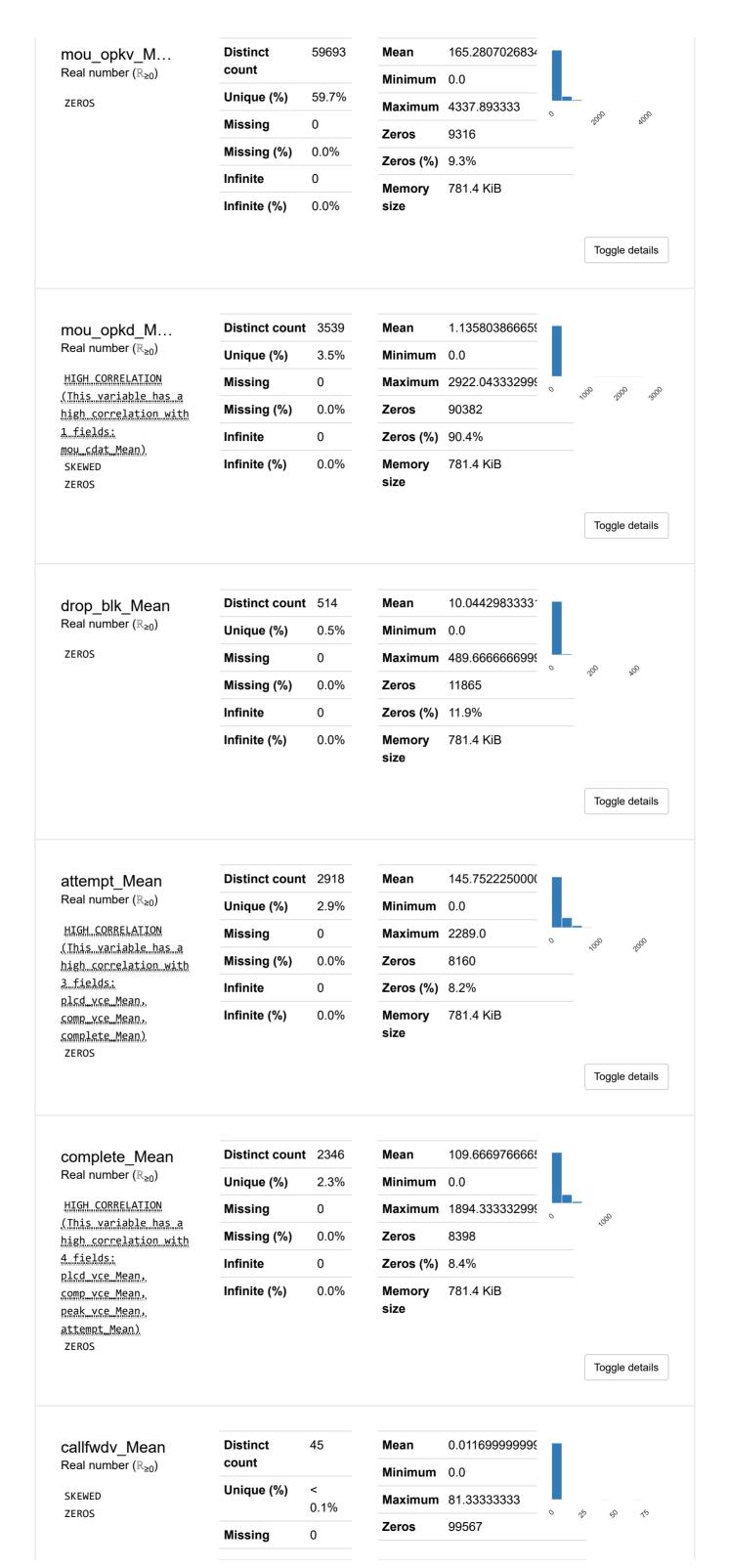
HIGH CORRELATION
(This variable has a high correlation with 1 fields:
mou_opkd_Mean)
SKEWED
ZEROS

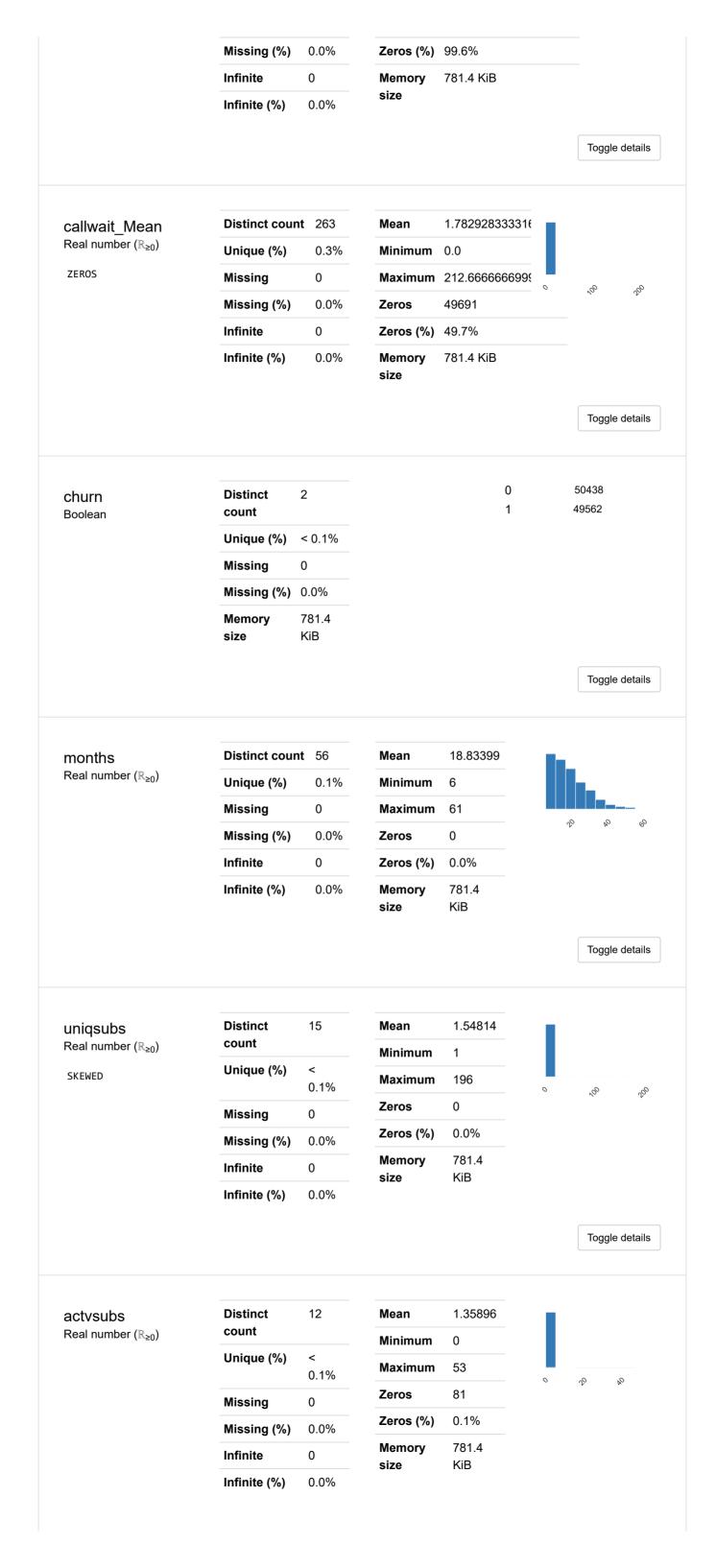
Distinct count	4420
Unique (%)	4.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	1.844035916654			
Minimum	0.0			
Maximum	3032.05	0	,000	2000
Zeros	86607		Nº	\$
Zeros (%)	86.6%			
Memory size	781.4 KiB			









Toggle details U 66914 **Distinct** 3 new_cell Υ 19301 count Categorical N 13785 < 0.1% Unique (%) Missing 0 **Missing (%)** 0.0% Memory 781.4 KiB size Toggle details 36509 AA**Distinct** crclscod 54 Α 16996 count Categorical 12667 BA Unique (%) 0.1% HIGH CARDINALITY 8334 CA Missing 0 6419 EΑ Other values (49) 19075 **Missing (%)** 0.0% Memory 781.4 KiB size Toggle details 86064 Ν **Distinct** 2 asl_flag 13936 Υ count Boolean Unique (%) < 0.1% Missing 0 **Missing (%)** 0.0% Memory 781.4 size KiB Toggle details **Distinct** 12230 Mean 2877.14193 totcalls count Real number ($\mathbb{R}_{\geq 0}$) Minimum 0 Unique (%) 12.2% HIGH CORRELATION Maximum 98874 (This variable has a 0 Missing Zeros 23 high correlation with Missing (%) 0.0% 3 fields: totmou, **Zeros (%)** < 0.1% adjmou, adjqty) Infinite 0 Memory 781.4 KiB Infinite (%) 0.0% size

Toggle details

Real number (R≥0)

HIGH_CORRELATION
(This variable has a high correlation with a fields: totcalls, adjmou, adjaty)

totmou

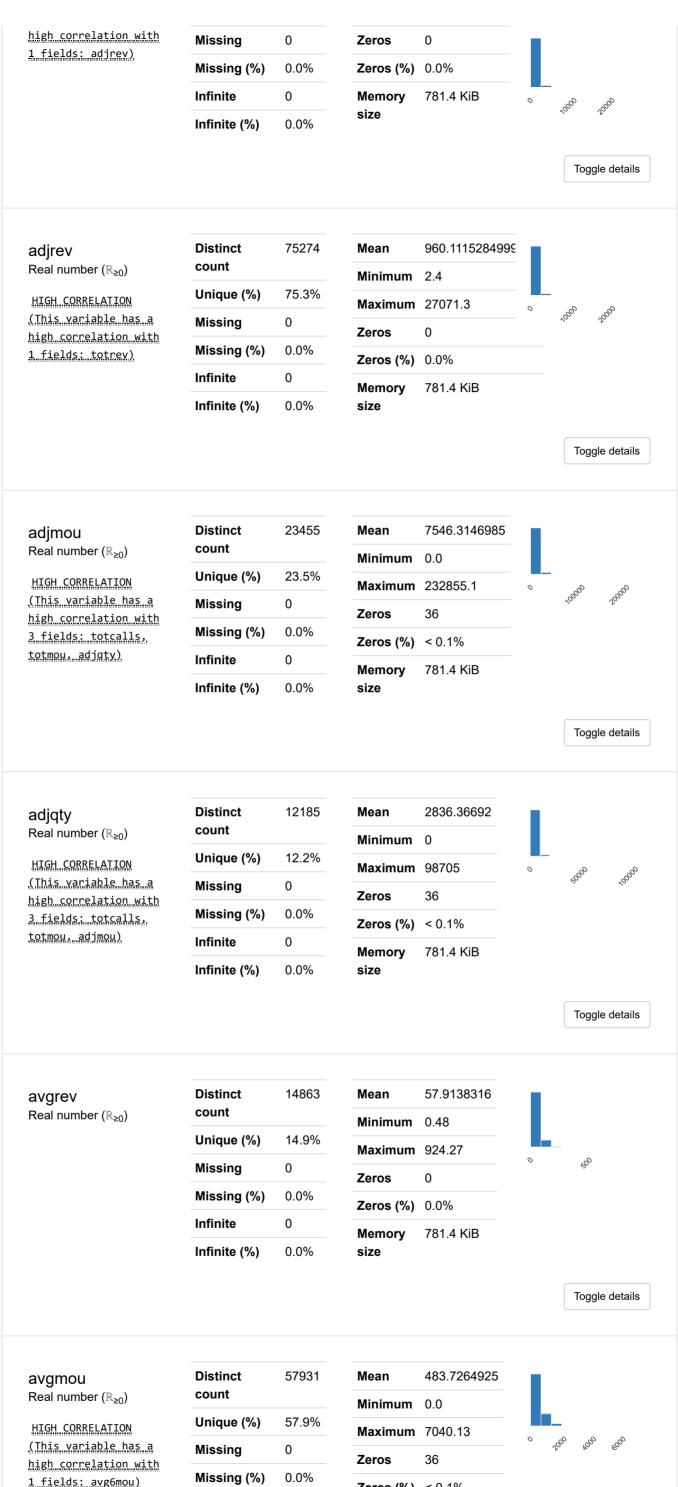
Distinct count	23752
Unique (%)	23.8%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	7648.363833336			
Minimum	0.0			
Maximum	233419.0967	0	,0000	20000
Zeros	23		70	v
Zeros (%)	< 0.1%			
Memory size	781.4 KiB			

totrev Real number ($\mathbb{R}_{\geq 0}$)
HIGH CORRELATION
(This variable has a

Distinct count	76104
Unique (%)	76.1%

Mean	1031.9249883
Vinimum	3.65
Maximum	27321.5



avgmou	Distinct	57931	Mean	483.7264925	
Real number (ℝ _{≥0})	count		Minimum	0.0	
HIGH CORRELATION	Unique (%)	57.9%	Maximum	7040.13	
(This variable has a high correlation with	Missing	0	Zeros	36	o the the the
1 fields: avg6mou)	Missing (%)	0.0%	Zeros (%)	< 0.1%	
	Infinite	0	Memory	781.4 KiB	
	Infinite (%)	0.0%	size	701.4 NIB	

Toggle details

avgqty

Real number $(\mathbb{R}_{\geq 0})$

HIGH CORRELATION
(This variable has a high correlation with 2 fields: avg3qty, avg6qty)

Distinct count	34704
Unique (%)	34.7%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	173.5545067999				
Minimum	0.0				
Maximum	3017.11	0		200	300
Zeros	36			v	3
Zeros (%)	< 0.1%				
Memory size	781.4 KiB				

Toggle details

avg3mou

Real number ($\mathbb{R}_{\geq 0}$)

HIGH CORRELATION
(This variable has a high correlation with 2 fields: mou Mean, avg6mou)
ZEROS

Distinct count	3108
Unique (%)	3.1%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	519.64121
Minimum	0
Maximum	7716
Zeros	1761
Zeros (%)	1.8%
Memory size	781.4 KiB



Toggle details

avg3qty

Real number ($\mathbb{R}_{\geq 0}$)

HIGH CORRELATION
(This variable has a high correlation with 2 fields: ayggty, ayggty), ZEROS

Distinct count	1438
Unique (%)	1.4%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	180.33732
Minimum	0
Maximum	3909
Zeros	1845
Zeros (%)	1.8%
Memory size	781.4 KiB



Toggle details

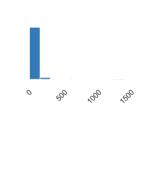
avg3rev

Real number (ℝ_{≥0})

HIGH CORRELATION
(This variable has a high correlation with 2 fields: rev Mean, avg6rev)

Distinct count	507
Unique (%)	0.5%
Missing	0
Missing (%)	0.0%
Infinite	0
Infinite (%)	0.0%

Mean	59.19333
Minimum	1
Maximum	1593
Zeros	0
Zeros (%)	0.0%
Memory	781.4
size	KiB



Toggle details

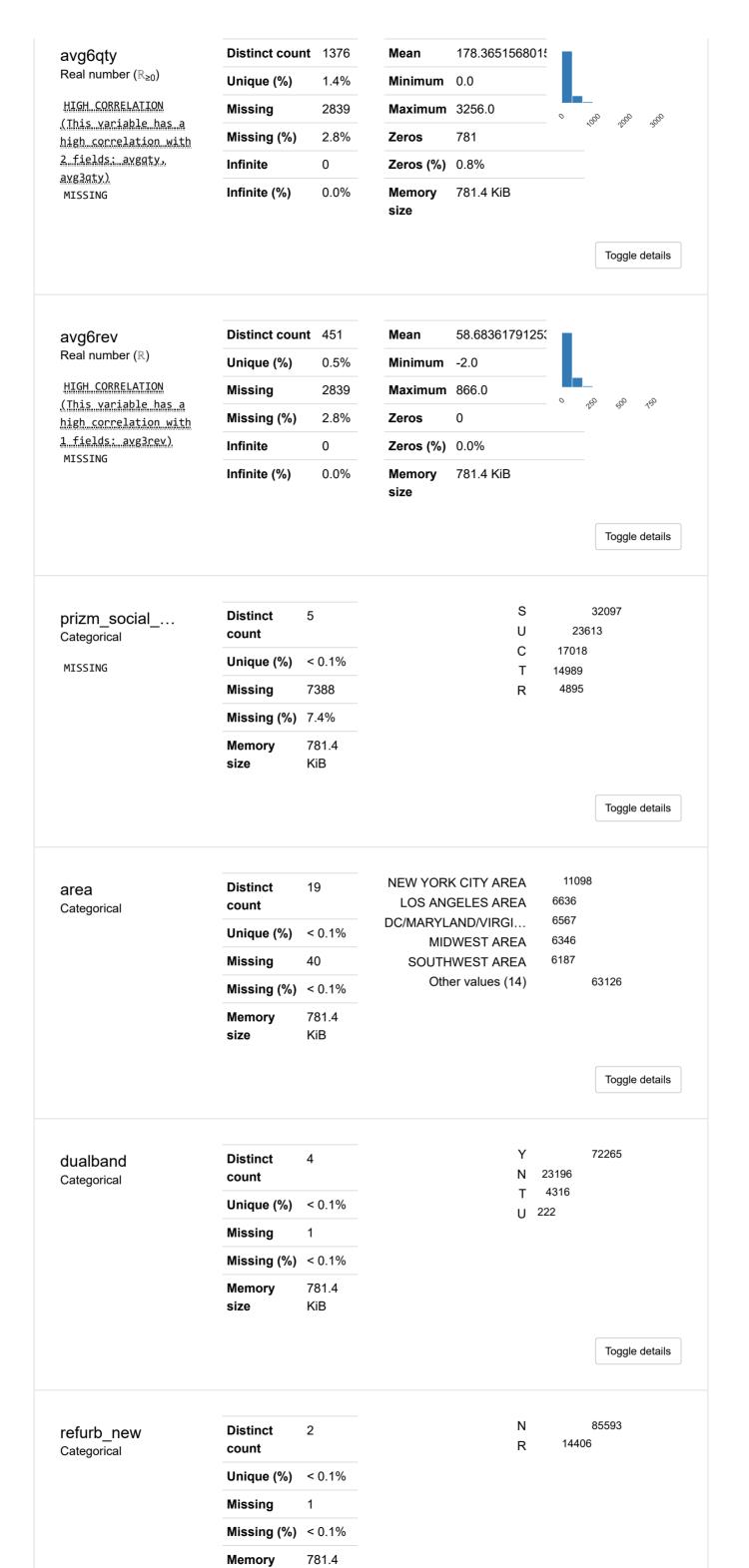
avg6mou

Real number ($\mathbb{R}_{\geq 0}$)

HIGH CORRELATION
(This variable has a high correlation with 3 fields: mou Mean, aygmou, ayg3mou).
MISSING

Distinct count	2941
Unique (%)	3.0%
Missing	2839
Missing (%)	2.8%
Infinite	0
Infinite (%)	0.0%

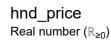
Mean	509.6345756013			
Minimum	0.0			
Maximum	7217.0	0		300
Zeros	718		v	'
Zeros (%)	0.7%			
Memory size	781.4 KiB			



KiB

size

Toggle details



Distinct count	17
Unique (%)	< 0.1%
Missing	847
Missing (%)	0.8%
Infinite	0
Infinite (%)	0.0%

Mean	101.8757630444			
Minimum	9.989997864			
Maximum	499.9899901999	0	200	,00
Zeros	0		<i>∿</i>	No.
Zeros (%)	0.0%			
Memory size	781.4 KiB			

Toggle details

phones Real number ($\mathbb{R}_{\geq 0}$)

Distinct count	24
Unique (%)	<
	0.1%
Missing	1
Missing (%)	<
	0.1%
Infinite	0
Infinite (%)	0.0%

Mean	1.787117871178			
Minimum	1.0			
Maximum	28.0		_	
Zeros	0	0	10	20
Zeros (%)	0.0%			
Memory size	781.4 KiB			

Toggle details

models

Real number ($\mathbb{R}_{\geq 0}$)

Distinct count	14
Unique (%)	<
	0.1%
Missing	1
Missing (%)	<
	0.1%
Infinite	0
Infinite (%)	0.0%

Mean	1.545825458254			
Minimum	1.0			
Maximum	16.0	<u> </u>	<i>,</i> 0	1 50
Zeros	0	.5	70	V.s
Zeros (%)	0.0%			
Memory size	781.4 KiB			

Toggle details

hnd_webcap

Categorical

MISSING

count Unique (%) < 0.1% Missing 10189 Missing (%) 10.2% Memory 781.4

size

size

Distinct

3

KiB

WCMB 75733 13843 WC UNKW 235

Toggle details

truck Boolean

MISSING

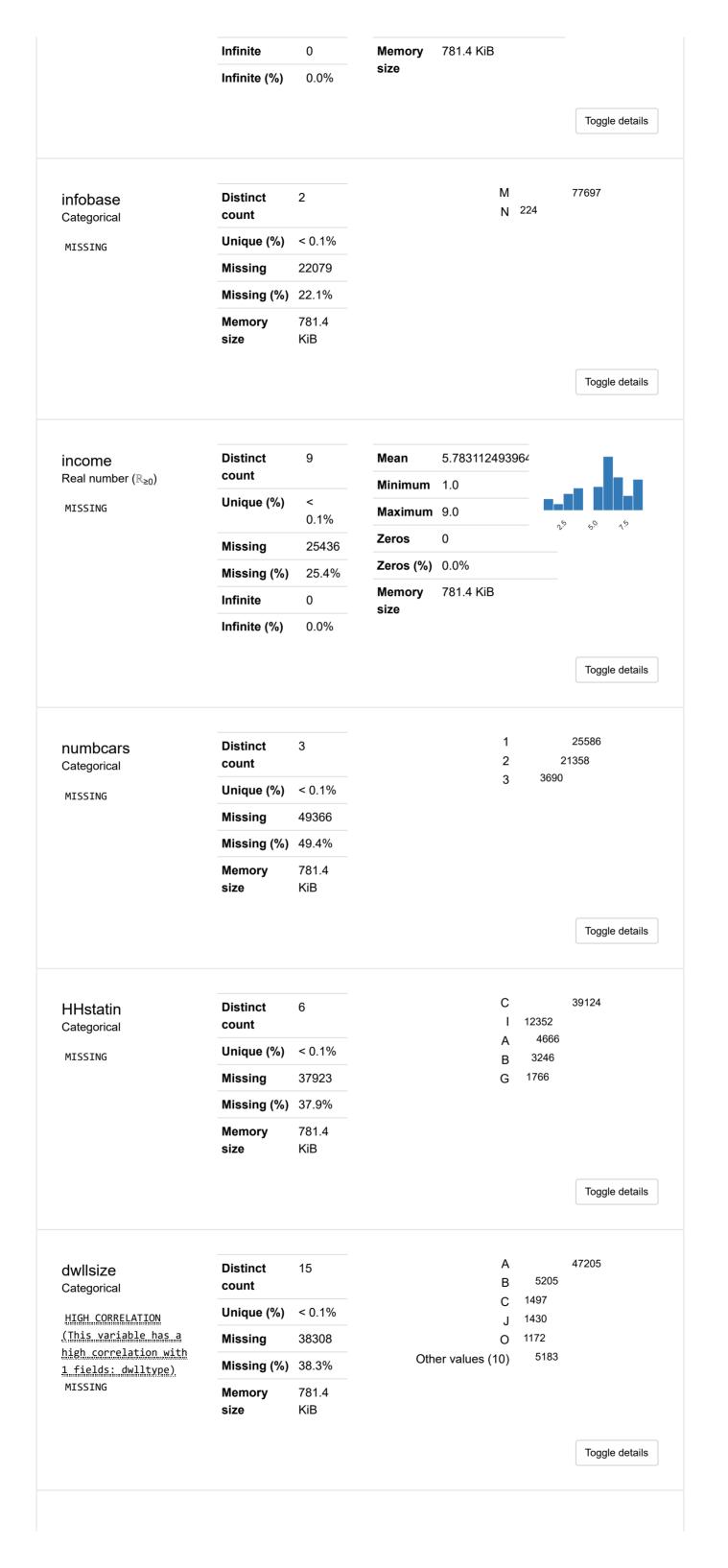
Distinct 2 count **Unique (%)** < 0.1% Missing 1732 Missing (%) 1.7% Memory 781.4

KiB

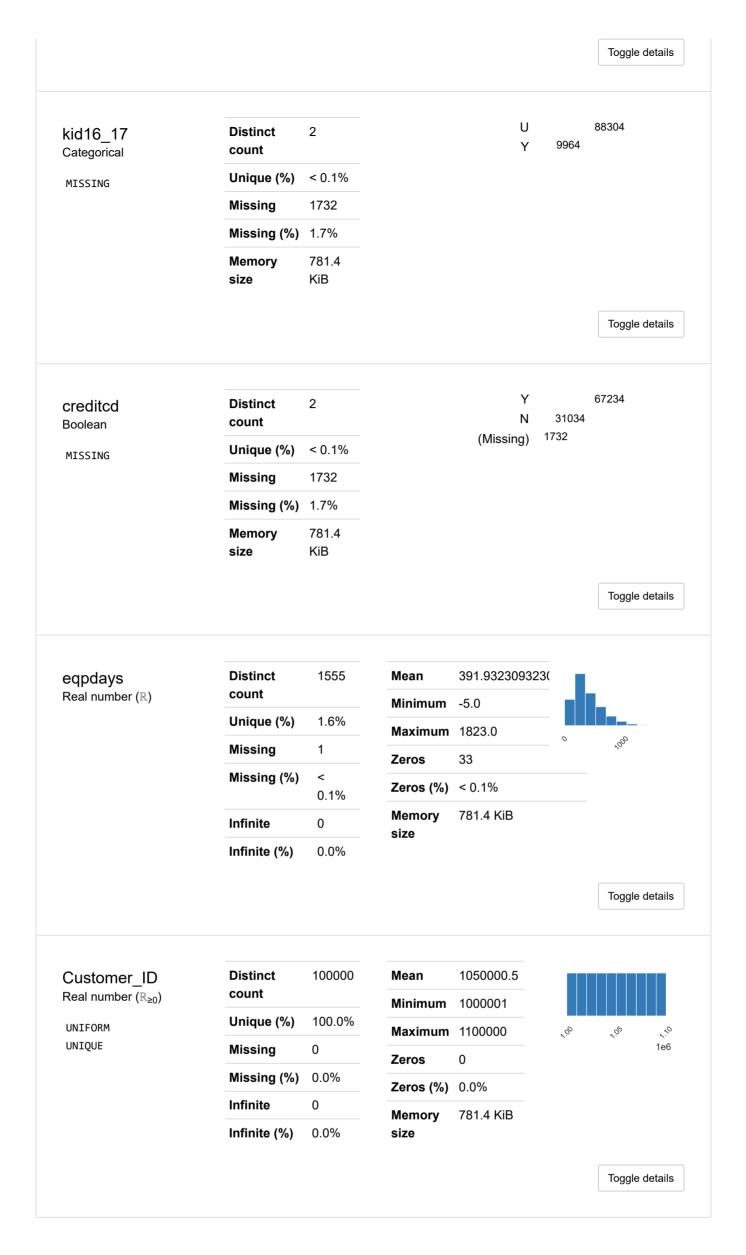
79713 0 1 18555

(Missing) 1732

rv Boolean	Distinct count	2		1	8115	90153
MISSING	Unique (%)	< 0.1%		(Missing)	1732	
	Missing	1732				
	Missing (%)	1.7%				
	Memory size	781.4 KiB				
	size	KIB				Toggle details
ownrent Categorical	Distinct count	2		O R	2010	64284
MISSING	Unique (%)	< 0.1%				
FILISTING	Missing	33706				
	Missing (%)	33.7%				
	Memory	781.4				
	size	KiB				
						Toggle details
lor	Distinct	16	Mean	6.1772382180)2(
Real number (ℝ _{≥0})	Count		Minimum	0.0		
MISSING ZEROS	Unique (%)	< 0.1%	Maximum		_ 0	\$ 10 15
	Missing	30190	Zeros	2193		•
	Missing (%)	30.2%	Zeros (%)			
	Infinite	0	Memory size	781.4 KiB		
	Infinite (%)	0.0%	J. 20			
dwlltyno	Distinct	2		s		Toggle details 48759
dwlltype Categorical	count	_		М	19332	
HIGH CORRELATION	Unique (%)	< 0.1%				
(This variable has a high correlation with	Missing	31909				
<u>1 fields: dwllsize)</u>	Missing (%)					
MISSING	Memory size	781.4 KiB				
						Toggle details
marital Categorical	Distinct count	5		U M	3	37333 1052
MISSING	Unique (%)	< 0.1%		S B	17627 7116	
	Missing	1732		A A	5140	
	Missing (%)	1.7%				
	Memory	781.4				
	size	KiB				Toggle details
adults	Distinct	6	Mean	2.5303256647	74 🔳	
Real number (ℝ _{≥0})	count		Minimum	1.0	- []	
	Unique (%)	<	Maximum			
MISSING		∩ 10/-				
MISSING	Missing	0.1% 23019	Zeros	0	~ า	№ 6



forgntvl Boolean	Distinct count	2	0 1	5697	92571
MISSING	Unique (%)	< 0.1%	(Missing)	1732	
	Missing	1732			
	Missing (%)	1.7%			
	Memory size	781.4 KiB			
					Toggle details
ethnic	Distinct count	17	N H	13623	33389
Categorical	Unique (%)	< 0.1%	S	12747	
MISSING	Missing	1732	U G	10945 5914	ı
	Missing (%)		Other values (12)	216	
	Memory	781.4			
	size	KiB			
					Toggle details
kid0_2	Distinct	2	U	4012	94256
Categorical	count		Y	4012	
MISSING	Unique (%)	< 0.1%			
	Missing	1732			
	Missing (%) Memory	781.4			
	size	KiB			
					Toggle details
kid3_5 Categorical	Distinct count	2	U Y	4696	93572
MISSING	Unique (%)	< 0.1%			
	Missing	1732			
	Missing (%)	1.7%			
	Memory size	781.4 KiB			
					Toggle details
kid6_10 Categorical MISSING	Distinct count	2	U Y	8073	90195
	Unique (%)	< 0.1%			
	Missing	1732			
	Missing (%)	1.7%			
	Memory size	781.4 KiB			
					Toggle details
kid11_15	Distinct	2	U		89454
Categorical	count		Υ	8814	
MISSING	Unique (%)	< 0.1%			
	Missing	1732			
	Missing (%)	1.7%			



Interactions

rev_Mean mou_Mean totmrc_Mean da_Mean ovrmou_Mean ovrrev_Mean vceovr_Mean datovr_Mean roam_Mean change_mou change_rev drop_vce_Mean blck_dat_Mean unan_vce_Mean unan_dat_Mean drop_dat_Mean blck_vce_Mean plcd_vce_Mean plcd_dat_Mean recv_vce_Mean recv_sms_Mean comp_vce_Mean custcare Mean comp_dat_Mean ccrndmou_Mean cc_mou_Mean inonemin_Mean mou_cvce_Mean mou_cdat_Mean threeway_Mean mou_rvce_Mean owylis_vce_Mean mouowylisv_Mean iwylis_vce_Mean mouiwylisv_Mean peak_vce_Mean peak_dat_Mean

mou_pead_Mean opk_dat_Mean mou_opkv_Mean mou_peav_Mean opk_vce_Mean complete_Mean mou_opkd_Mean drop_blk_Mean attempt_Mean callfwdv_Mean months callwait_Mean uniqsubs actvsubs totcalls totmou totrev adjrev avg3qty adjqty avg3mou avg3rev adjmou avgrev avgmou avgqty avg6mou avg6qty avg6rev hnd_price models adults income phones lor Customer_ID eqpdays

mou_Mean da_Mean rev_Mean totmrc_Mean ovrmou_Mean ovrrev_Mean vceovr_Mean change_mou datovr_Mean roam_Mean change_rev blck_vce_Mean blck_dat_Mean unan_vce_Mean drop_vce_Mean drop_dat_Mean plcd_dat_Mean unan_dat_Mean plcd_vce_Mean recv_vce_Mean recv_sms_Mean comp_vce_Mean comp_dat_Mean custcare_Mean ccrndmou_Mean cc_mou_Mean inonemin_Mean threeway_Mean mou_cvce_Mean mou_cdat_Mean mou_rvce_Mean iwylis_vce_Mean owylis_vce_Mean mouowylisv_Mean mouiwylisv_Mean peak_dat_Mean mou_peav_Mean mou_pead_Mean peak_vce_Mean opk_vce_Mean opk_dat_Mean mou_opkd_Mean drop_blk_Mean attempt_Mean mou_opkv_Mean callfwdv_Mean actvsubs complete_Mean callwait_Mean months uniqsubs totcalls totmou totrev adjrev adjmou adjqty avgrev avgmou avgqty avg3mou avg3rev avg6mou avg6qty avg6rev hnd_price avg3qty adults phones models lor eqpdays Customer_ID income

