

# Overview

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## Dataset statistics

Number of variables	14
Number of observations	1119
Missing cells	4160
Missing cells (%)	26.6%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	122.5 KiB
Average record size in memory	112.1 B

## Variable types

Unsupported	1
Numeric	4
Categorical	2
DateTime	6
Text	1

## Alerts

bonusPointsEarned is highly overall correlated with bonusPointsEarnedReason and 1 other fields (bonusPointsEarnedReason, pointsEarned)	High correlation
bonusPointsEarnedReason is highly overall correlated with bonusPointsEarned and 1 other fields (bonusPointsEarned, pointsEarned)	High correlation
pointsEarned is highly overall correlated with bonusPointsEarned and 2 other fields (bonusPointsEarned, bonusPointsEarnedReason, rewardsReceiptStatus)	High correlation
purchasedItemCount is highly overall correlated with totalSpent	High correlation
rewardsReceiptStatus is highly overall correlated with pointsEarned and 1 other fields (pointsEarned, totalSpent)	High correlation
totalSpent is highly overall correlated with purchasedItemCount and 1 other fields (purchasedItemCount, rewardsReceiptStatus)	High correlation
bonusPointsEarned has 575 (51.4%) missing values	Missing
bonusPointsEarnedReason has 575 (51.4%) missing values	Missing
finishedDate has 551 (49.2%) missing values	Missing
pointsAwardedDate has 582 (52.0%) missing values	Missing
pointsEarned has 510 (45.6%) missing values	Missing
purchaseDate has 448 (40.0%) missing values	Missing
purchasedItemCount has 484 (43.3%) missing values	Missing
totalSpent has 435 (38.9%) missing values	Missing
_id is an unsupported type, check if it needs cleaning or further analysis	Unsupported
purchasedItemCount has 15 (1.3%) zeros	Zeros
totalSpent has 15 (1.3%) zeros	Zeros

## Reproduction

# Variables

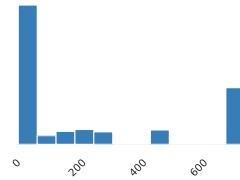
Select Columns ▾

id	
unsupported	
REJECTED	UNsupported
Missing	0
Missing (%)	0.0%
Memory size	8.9 KiB

bonusPointsEarned  
Real number ()

HIGH CORRELATION (This variable has a high overall correlation with 2 fields: bonusPointsEarnedReason, pointsEarned) MISSING

Distinct	12
Distinct (%)	2.2%
Missing	575
Missing (%)	51.4%
Infinite	0
Infinite (%)	0.0%
Mean	238.89338
Minimum	5
Maximum	750
Zeros	0
Zeros (%)	0.0%
Negative	0
Negative (%)	0.0%
Memory size	8.9 KiB

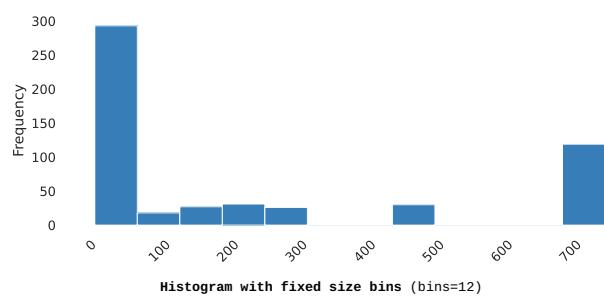


## Quantile statistics

Minimum	5
5-th percentile	5
Q1	5
median	45
Q3	500
95-th percentile	750
Maximum	750
Range	745
Interquartile range (IQR)	495

## Descriptive statistics

Standard deviation	299.09173
Coefficient of variation (CV)	1.2519883
Kurtosis	-0.91662581
Mean	238.89338
Median Absolute Deviation (MAD)	40
Skewness	0.89974537
Sum	129958
Variance	89455.863
Monotonicity	Not monotonic



Value	Count	Frequency (%)
5	183	16.4%
750	119	10.6%
25	71	6.3%
250	31	2.8%
45	31	2.8%
500	30	2.7%
150	27	2.4%
300	26	2.3%
100	18	1.6%
27	6	0.5%
Other values (2)	2	0.2%
(Missing)	575	51.4%

Value	Count	Frequency (%)
5	183	16.4%
21	1	0.1%
25	71	6.3%
27	6	0.5%
40	1	0.1%
45	31	2.8%
100	18	1.6%
150	27	2.4%
250	31	2.8%
300	26	2.3%

Value	Count	Frequency (%)
750	119	10.6%
500	30	2.7%
300	26	2.3%
250	31	2.8%
150	27	2.4%
100	18	1.6%
45	31	2.8%
40	1	0.1%
27	6	0.5%
25	71	6.3%





**bonusPointsEarnedReason**

Categorical

HIGH CORRELATION (This variable has a high overall correlation with 2 fields: bonusPointsEarned, pointsEarned). MISSING

Distinct	9
Distinct (%)	1.7%
Missing	575
Missing (%)	51.4%
Memory size	8.9 KiB

**Length**

Max length	83
Median length	27
Mean length	52.286765
Min length	24

**Characters and Unicode**

Total characters	28444
Distinct characters	46
Distinct categories	1 ( <a href="https://en.wikipedia.org/wiki/Unicode_character_property#General_Category">https://en.wikipedia.org/wiki/Unicode_character_property#General_Category</a> )
Distinct scripts	1 ( <a href="https://en.wikipedia.org/wiki/Script_(Unicode)#List_of_scripts_in_Unicode">https://en.wikipedia.org/wiki/Script_(Unicode)#List_of_scripts_in_Unicode</a> )
Distinct blocks	1 ( <a href="https://en.wikipedia.org/wiki/Unicode_block">https://en.wikipedia.org/wiki/Unicode_block</a> )

The Unicode Standard assigns character properties to each code point, which can be used to analyse textual variables.

**Unique**

Unique	0	?
Unique (%)	0.0%	?

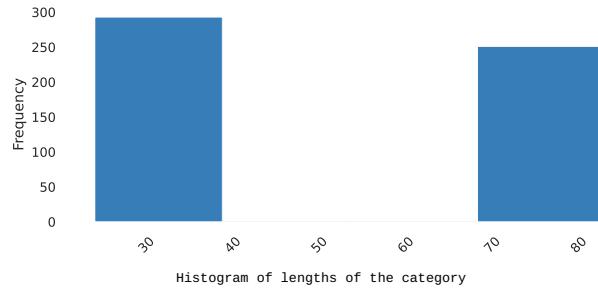
**Sample**

1st row	Receipt number 2 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)
2nd row	Receipt number 5 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)
3rd row	All-receipts receipt bonus
4th row	All-receipts receipt bonus
5th row	All-receipts receipt bonus

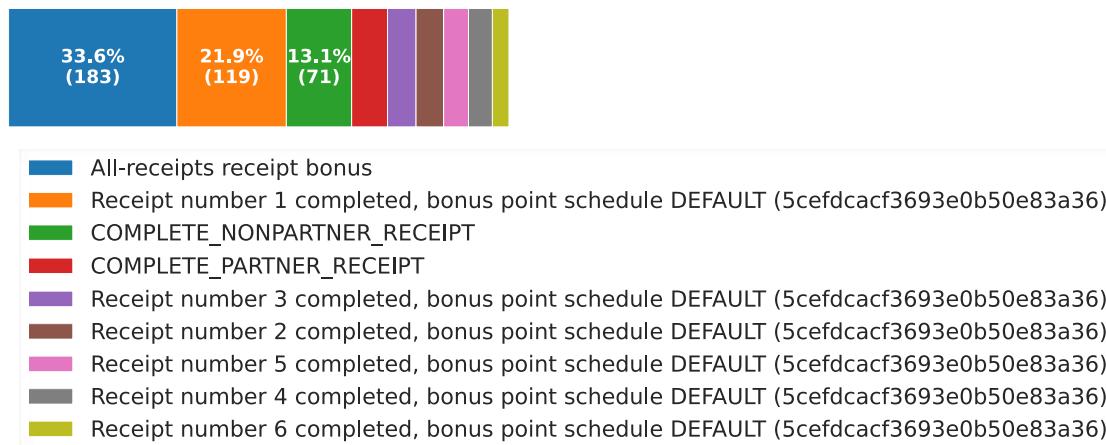
## Common Values

Value	Count	Frequency (%)
All-receipts receipt bonus	183	16.4%
Receipt number 1 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	119	10.6%
COMPLETE_NONPARTNER_RECEIPT	71	6.3%
COMPLETE_PARTNER_RECEIPT	39	3.5%
Receipt number 3 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	31	2.8%
Receipt number 2 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	30	2.7%
Receipt number 5 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	27	2.4%
Receipt number 4 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	26	2.3%
Receipt number 6 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	18	1.6%
(Missing)	575	51.4%

## Length



## Common Values (Plot)



Value	Count	Frequency (%)
receipt	434	14.9%
bonus	434	14.9%
default	251	8.6%
number	251	8.6%
5cefdfcacf3693e0b50e83a36	251	8.6%
completed	251	8.6%
point	251	8.6%
schedule	251	8.6%
all-receipts	183	6.3%
1	119	4.1%
Other values (7)	242	8.3%

### Most occurring characters

Value	Count	Frequency (%)
e	3242	11.4%
c	2374	8.3%
p	1872	6.6%
t	1119	3.9%
3	1119	3.9%
n	1035	3.6%
u	936	3.3%
b	936	3.3%
o	936	3.3%
Other values (36)	13939	49.0%

### Most occurring categories

Value	Count	Frequency (%)
(unknown)	28444	100.0%

### Most frequent character per category

Value	Count	Frequency (%)
e	3242	11.4%
	2374	8.3%
c	1872	6.6%
p	1119	3.9%
t	1119	3.9%
3	1035	3.6%
n	936	3.3%
u	936	3.3%
b	936	3.3%
o	936	3.3%
Other values (36)	13939	49.0%

### Most occurring scripts

Value	Count	Frequency (%)
(unknown)	28444	100.0%

### Most frequent character per script

Value	Count	Frequency (%)
e	3242	11.4%
	2374	8.3%
c	1872	6.6%
p	1119	3.9%
t	1119	3.9%
z	1035	3.6%
n	936	3.3%
u	936	3.3%
b	936	3.3%
o	936	3.3%
Other values (36)	13939	49.0%

### Most occurring blocks

Value	Count	Frequency (%)
(unknown)	28444	100.0%

### Most frequent character per block

Value	Count	Frequency (%)
e	3242	11.4%
	2374	8.3%
c	1872	6.6%
p	1119	3.9%
t	1119	3.9%
3	1035	3.6%
n	936	3.3%
u	936	3.3%
b	936	3.3%
o	936	3.3%
Other values (36)	13939	49.0%





**createDate**  
Date

**Distinct**

1107

**Distinct (%)**

98.9%

**Missing**

0

**Missing (%)**

0.0%

**Memory size**

8.9 KiB

**Minimum**

2020-10-30 20:17:59

**Maximum**

2021-03-01 23:17:34.772000





**dateScanned**  
Date

**Distinct**

1107

**Distinct (%)**

98.9%

**Missing**

0

**Missing (%)**

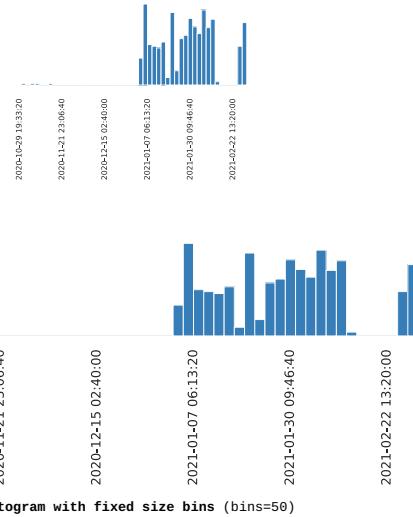
0.0%

**Memory size**

8.9 KiB

**Minimum** 2020-10-30 20:17:59

**Maximum** 2021-03-01 23:17:34.772000





**finishedDate**

Date

MISSING

Distinct

553

Distinct (%)

97.4%

Missing

551

Missing (%)

49.2%

Memory size

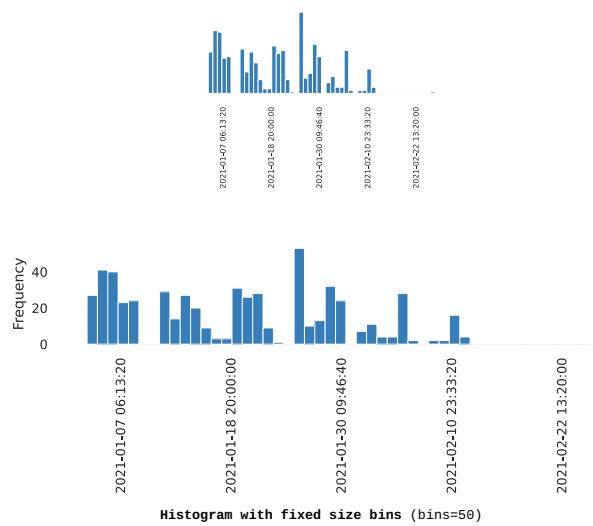
8.9 KiB

Minimum

2021-01-03 15:24:10

Maximum

2021-02-26 22:36:25





**modifyDate**  
Date

**Distinct**

1104

**Distinct (%)**

98.7%

**Missing**

0

**Missing (%)**

0.0%

**Memory size**

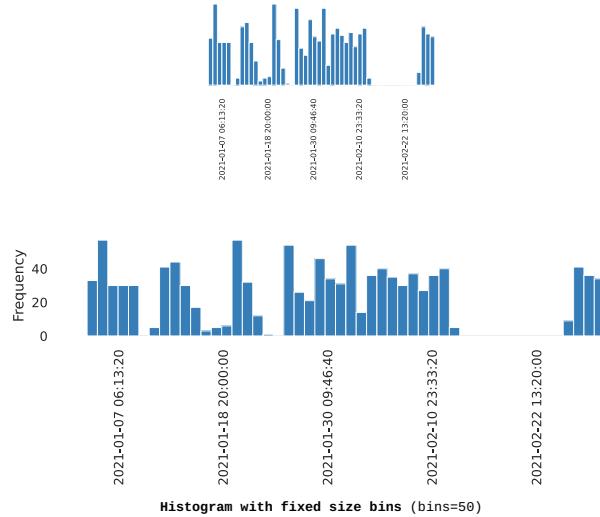
8.9 KiB

**Minimum**

2021-01-03 15:24:10

**Maximum**

2021-03-01 23:17:34.772000





**pointsAwardedDate**

Date

MISSING

**Distinct**

523

**Distinct (%)**

97.4%

**Missing**

582

**Missing (%)**

52.0%

**Memory size**

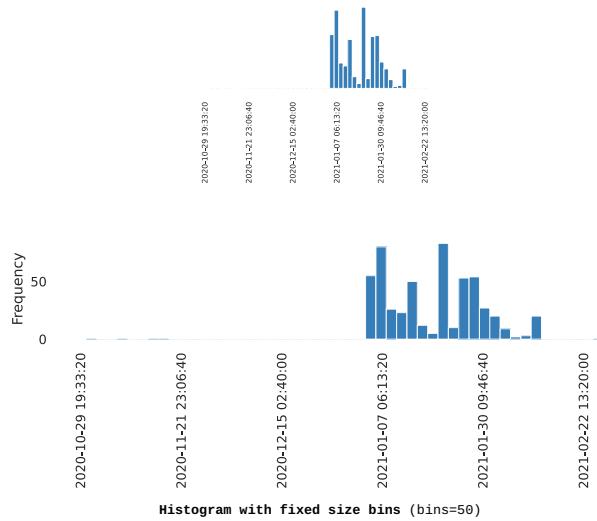
8.9 KiB

**Minimum**

2020-10-30 20:18:00

**Maximum**

2021-02-26 22:36:25

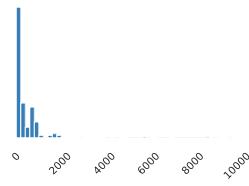




**pointsEarned**  
Real number ()

HIGH CORRELATION (This variable has a high overall correlation with 3 fields: bonusPointsEarned, bonusPointsEarnedReason, rewardsReceiptStatus) MISSING

<b>Distinct</b>	119
<b>Distinct (%)</b>	19.5%
<b>Missing</b>	510
<b>Missing (%)</b>	45.6%
<b>Infinite</b>	0
<b>Infinite (%)</b>	0.0%
<b>Mean</b>	585.96289
<b>Minimum</b>	0
<b>Maximum</b>	10199.8
<b>Zeros</b>	4
<b>Zeros (%)</b>	0.4%
<b>Negative</b>	0
<b>Negative (%)</b>	0.0%
<b>Memory size</b>	8.9 KiB

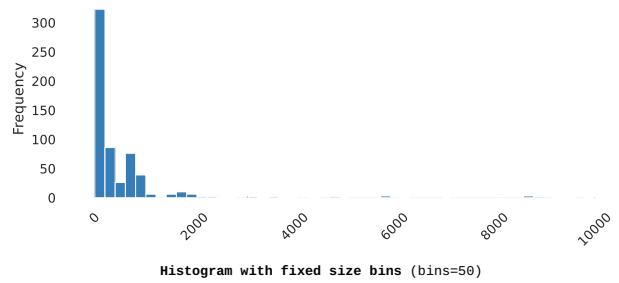


#### Quantile statistics

<b>Minimum</b>	0
<b>5-th percentile</b>	5
<b>Q1</b>	5
<b>median</b>	150
<b>Q3</b>	750
<b>95-th percentile</b>	2035.3
<b>Maximum</b>	10199.8
<b>Range</b>	10199.8
<b>Interquartile range (IQR)</b>	745

#### Descriptive statistics

<b>Standard deviation</b>	1357.1669
<b>Coefficient of variation (CV)</b>	2.3161312
<b>Kurtosis</b>	25.00351
<b>Mean</b>	585.96289
<b>Median Absolute Deviation (MAD)</b>	145
<b>Skewness</b>	4.7279179
<b>Sum</b>	356851.4
<b>Variance</b>	1841902.1
<b>Monotonicity</b>	Not monotonic



Value	Count	Frequency (%)
5	161	14.4%
25	63	5.6%
750	49	4.4%
250	37	3.3%
50	27	2.4%
840	21	1.9%
100	18	1.6%
500	17	1.5%
300	16	1.4%
150	15	1.3%
Other values (109)	185	16.5%
(Missing)	510	45.6%

Value	Count	Frequency (%)
0	4	0 .4%
5	161	14 .4%
25	63	5 .6%
35	7	0 .6%
50	27	2 .4%
50.6	5	0 .4%
50.9	1	0 .1%
55	6	0 .5%
91.2	2	0 .2%
94.6	1	0 .1%

Value	Count	Frequency (%)
10199.8	1	0.1%
9950	1	0.1%
9449.8	1	0.1%
9200	1	0.1%
8950	1	0.1%
8850	1	0.1%
8700	3	0.3%
7137.2	1	0.1%
6257.3	1	0.1%
5850	2	0.2%





**purchaseDate**

Date

MISSING

**Distinct**

358

**Distinct (%)**

53.4%

**Missing**

448

**Missing (%)**

40.0%

**Memory size**

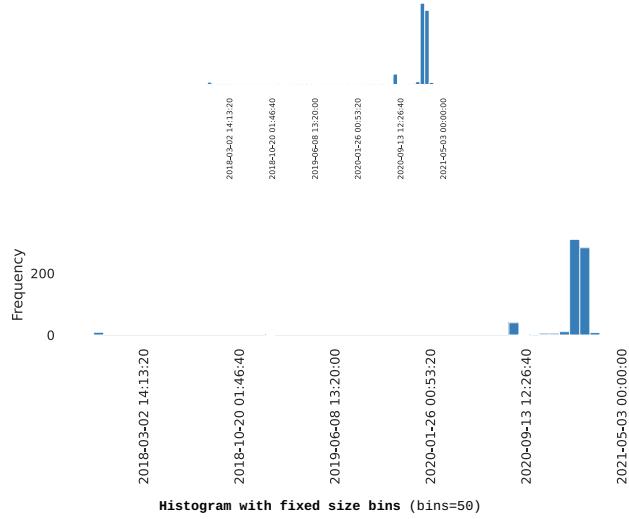
8.9 KiB

**Minimum**

2017-10-30 00:00:00

**Maximum**

2021-03-08 17:37:13





**purchasedItemCount**

Real number ()

HIGH CORRELATION (This variable has a high overall correlation with 1 fields: totalSpent) MISSING ZEROS

**Distinct**

50

**Distinct (%)**

7.9%

**Missing**

484

**Missing (%)**

43.3%

**Infinite**

0

**Infinite (%)**

0.0%

**Mean**

14.75748

**Minimum**

0

**Maximum**

689

**Zeros**

15

**Zeros (%)**

1.3%

**Negative**

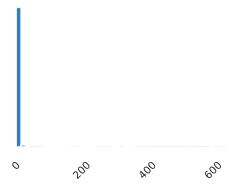
0

**Negative (%)**

0.0%

**Memory size**

8.9 KiB

**Quantile statistics****Minimum**

0

**5-th percentile**

1

**Q1**

1

**median**

2

**Q3**

5

**95-th percentile**

88.1

**Maximum**

689

**Range**

689

**Interquartile range (IQR)**

4

**Descriptive statistics****Standard deviation**

61.13424

**Coefficient of variation (CV)**

4.1425934

**Kurtosis**

62.320237

**Mean**

14.75748

**Median Absolute Deviation (MAD)**

1

**Skewness**

7.170786

**Sum**

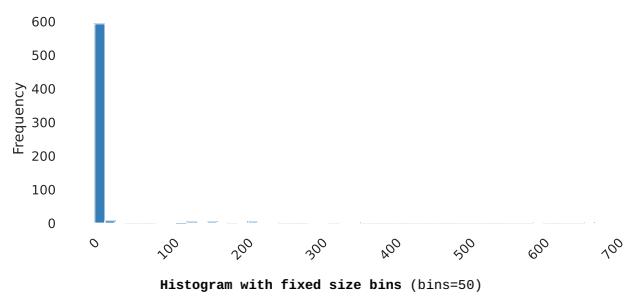
9371

**Variance**

3737.3954

**Monotonicity**

Not monotonic



Value	Count	Frequency (%)
1	245	21.9%
2	113	10.1%
5	90	8.0%
4	67	6.0%
3	23	2.1%
0	15	1.3%
10	12	1.1%
9	10	0.9%
6	7	0.6%
11	5	0.4%
Other values (40)	48	4.3%
(Missing)	484	43.3%

Value	Count	Frequency (%)
0	15	1.3%
1	245	21.9%
2	113	10.1%
3	23	2.1%
4	67	6.0%
5	90	8.0%
6	7	0.6%
7	3	0.3%
8	2	0.2%
9	10	0.9%

Value	Count	Frequency (%)
689	1	0.1%
670	1	0.1%
599	1	0.1%
348	1	0.1%
341	1	0.1%
335	1	0.1%
309	1	0.1%
303	1	0.1%
240	1	0.1%
229	1	0.1%





**rewardsReceiptStatus**

Categorical

HIGH CORRELATION (This variable has a high overall correlation with 2 fields: pointsEarned, totalSpent)

Distinct	5
Distinct (%)	0.4%
Missing	0
Missing (%)	0.0%
Memory size	8.9 KiB

**Length**

Max length	9
Median length	8
Mean length	8.3020554
Min length	7

**Characters and Unicode**

Total characters	9290
Distinct characters	18
Distinct categories	1 ( <a href="https://en.wikipedia.org/wiki/Unicode_character_property#General_Category">https://en.wikipedia.org/wiki/Unicode_character_property#General_Category</a> )
Distinct scripts	1 ( <a href="https://en.wikipedia.org/wiki/Script_(Unicode)#List_of_scripts_in_Unicode">https://en.wikipedia.org/wiki/Script_(Unicode)#List_of_scripts_in_Unicode</a> )
Distinct blocks	1 ( <a href="https://en.wikipedia.org/wiki/Unicode_block">https://en.wikipedia.org/wiki/Unicode_block</a> )

The Unicode Standard assigns character properties to each code point, which can be used to analyse textual variables.

**Unique**

Unique	0	?
Unique (%)	0.0%	?

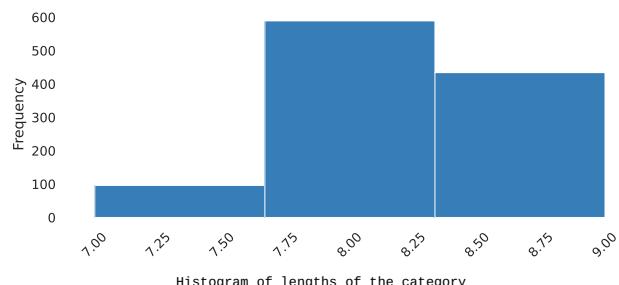
**Sample**

1st row	FINISHED
2nd row	FINISHED
3rd row	REJECTED
4th row	FINISHED
5th row	FINISHED

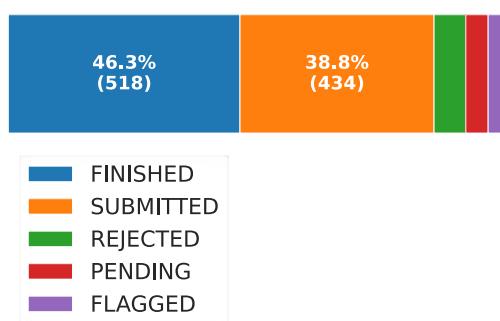
## Common Values

Value	Count	Frequency (%)
FINISHED	518	46.3%
SUBMITTED	434	38.8%
REJECTED	71	6.3%
PENDING	50	4.5%
FLAGGED	46	4.1%

## Length



## Common Values (Plot)



Value	Count	Frequency (%)
finished	518	46.3%
submitted	434	38.8%
rejected	71	6.3%
pending	50	4.5%
flagged	46	4.1%

### Most occurring characters

Value	Count	Frequency (%)
I	1520	16.4%
E	1261	13.6%
D	1119	12.0%
S	952	10.2%
T	939	10.1%
N	618	6.7%
F	564	6.1%
H	518	5.6%
M	434	4.7%
B	434	4.7%
Other values (8)	931	10.0%

### Most occurring categories

Value	Count	Frequency (%)
(unknown)	9290	100.0%

### Most frequent character per category

Value	Count	Frequency (%)
I	1520	16.4%
E	1261	13.6%
D	1119	12.0%
S	952	10.2%
T	939	10.1%
N	618	6.7%
F	564	6.1%
H	518	5.6%
M	434	4.7%
B	434	4.7%
Other values (8)	931	10.0%

### Most occurring scripts

Value	Count	Frequency (%)
(unknown)	9290	100.0%

### Most frequent character per script

Value	Count	Frequency (%)
I	1520	16.4%
E	1261	13.6%
D	1119	12.0%
S	952	10.2%
T	939	10.1%
N	618	6.7%
F	564	6.1%
H	518	5.6%
M	434	4.7%
B	434	4.7%
Other values (8)	931	10.0%

## Most occurring blocks

Value	Count	Frequency (%)
(unknown)	9290	100.0%

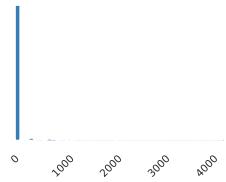
## Most frequent character per block

Value	Count	Frequency (%)
I	1520	16.4%
E	1261	13.6%
D	1119	12.0%
S	952	10.2%
T	939	10.1%
N	618	6.7%
F	564	6.1%
H	518	5.6%
M	434	4.7%
B	434	4.7%
Other values (8)	931	10.0%





totalSpent	
Real number ()	
HIGH CORRELATION (This variable has a high overall correlation with 2 fields: purchasedItemCount, rewardsReceiptStatus)	MISSING ZEROS
Distinct	94
Distinct (%)	13.7%
Missing	435
Missing (%)	38.9%
Infinite	0
Infinite (%)	0.0%
Mean	77.796857
Minimum	0
Maximum	4721.95
Zeros	15
Zeros (%)	1.3%
Negative	0
Negative (%)	0.0%
Memory size	8.9 KiB

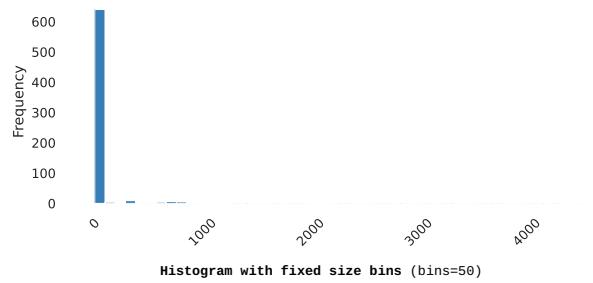


#### Quantile statistics

Minimum	0
5-th percentile	1
Q1	1
median	18.2
Q3	34.96
95-th percentile	290
Maximum	4721.95
Range	4721.95
Interquartile range (IQR)	33.96

#### Descriptive statistics

Standard deviation	347.11035
Coefficient of variation (CV)	4.4617529
Kurtosis	122.95658
Mean	77.796857
Median Absolute Deviation (MAD)	16.76
Skewness	10.203611
Sum	53213.05
Variance	120485.59
Monotonicity	Not monotonic



Value	Count	Frequency (%)
1	172	15.4%
10	54	4.8%
28.57	50	4.5%
34.96	44	3.9%
49.95	43	3.8%
25	28	2.5%
84	22	2.0%
4.66	15	1.3%
0	15	1.3%
9.99	14	1.3%
Other values (84)	227	20.3%
(Missing)	435	38.9%

Value	Count	Frequency (%)
0	15	1.3%
0.16	1	0.1%
0.99	7	0.6%
1	172	15.4%
2	4	0.4%
2.23	7	0.6%
2.29	1	0.1%
2.99	1	0.1%
3	9	0.8%
3.09	5	0.4%

Value	Count	Frequency (%)
4721.95	1	0.1%
4566.17	1	0.1%
4368.8	1	0.1%
2084.82	1	0.1%
1198.68	1	0.1%
1183.1	1	0.1%
1177.84	1	0.1%
1107.82	1	0.1%
1083.24	1	0.1%
1043.18	1	0.1%





## userId

Text

Distinct	258
Distinct (%)	23.1%
Missing	0
Missing (%)	0.0%
Memory size	8.9 KiB

5ff5d15aeb7c7d12096d9f1a2  
5ff1e194b6a9d73a3a9f1052  
54943462e4b07e684157a532  
59c124bae4b0299e55b0f330

5fc961c3b8cfca11a077dd33

## Length

Max length	24
Median length	24
Mean length	24
Min length	24

## Characters and Unicode

Total characters	26856
Distinct characters	16
Distinct categories	1 ( <a href="https://en.wikipedia.org/wiki/Unicode_character_property#General_Category">https://en.wikipedia.org/wiki/Unicode_character_property#General_Category</a> )
Distinct scripts	1 ( <a href="https://en.wikipedia.org/wiki/Script_(Unicode)#List_of_scripts_in_Unicode">https://en.wikipedia.org/wiki/Script_(Unicode)#List_of_scripts_in_Unicode</a> )
Distinct blocks	1 ( <a href="https://en.wikipedia.org/wiki/Unicode_block">https://en.wikipedia.org/wiki/Unicode_block</a> )

The Unicode Standard assigns character properties to each code point, which can be used to analyse textual variables.

## Unique

Unique	167	?
Unique (%)	14.9%	?

## Sample

1st row	5ff1e1eacf6c399c274ae6
2nd row	5ff1e194b6a9d73a3a9f1052
3rd row	5ff1e1f1cf6c399c274b0b
4th row	5ff1e1eacf6c399c274ae6
5th row	5ff1e194b6a9d73a3a9f1052

Value	Count	Frequency (%)
5fc961c3b8cfca11a077dd33	436	39.0%
59c124bae4b0299e55b0f330	58	5.2%
54943462e4b07e684157a532	50	4.5%
5fa41775898c7a11a6bccef3e	21	1.9%
5ff5d15aeb7c7d12096d91a2	20	1.8%
600fb1ac73c60b12049027bb	16	1.4%
5ff1e194b6a9d73a3a9f1052	14	1.3%
5ff47392c3d63511e2a47881	10	0.9%
600987d77d983a11f63cfa92	10	0.9%
5a43c08fe4b014fd6b6a0612	9	0.8%
Other values (248)	475	42.4%

5fc961c3b8cfca11a077dd33  
 5ff5d15aeb7c7d12096d91a2  
 5ff1e194b6a9d73a3a9f1052  
 5ff47392c3d63511e2a47881  
 59c124bae4b0299e55b0f330  
 5fa41775898c7a11a6bccef3e  
 600fb1ac73c60b12049027bb

**5fc961c3b8cfca11a077dd33**

### Most occurring characters

Value	Count	Frequency (%)
1	2923	10.9%
c	2547	9.5%
3	2412	9.0%
f	1957	7.3%
0	1795	6.7%
a	1695	6.3%
7	1674	6.2%
5	1596	5.9%
d	1532	5.7%
b	1523	5.7%
Other values (6)	7202	26.8%

### Most occurring categories

Value	Count	Frequency (%)
(unknown)	26856	100.0%

### Most frequent character per category

Value	Count	Frequency (%)
1	2923	10.9%
c	2547	9.5%
3	2412	9.0%
f	1957	7.3%
0	1795	6.7%
a	1695	6.3%
7	1674	6.2%
5	1596	5.9%
d	1532	5.7%
b	1523	5.7%
Other values (6)	7202	26.8%

### Most occurring scripts

Value	Count	Frequency (%)
(unknown)	26856	100.0%

### Most frequent character per script

Value	Count	Frequency (%)
1	2923	10.9%
c	2547	9.5%
3	2412	9.0%
f	1957	7.3%
0	1795	6.7%
a	1695	6.3%
7	1674	6.2%
5	1596	5.9%
d	1532	5.7%
b	1523	5.7%
Other values (6)	7202	26.8%

## Most occurring blocks

Value	Count	Frequency (%)
(unknown)	26856	100.0%

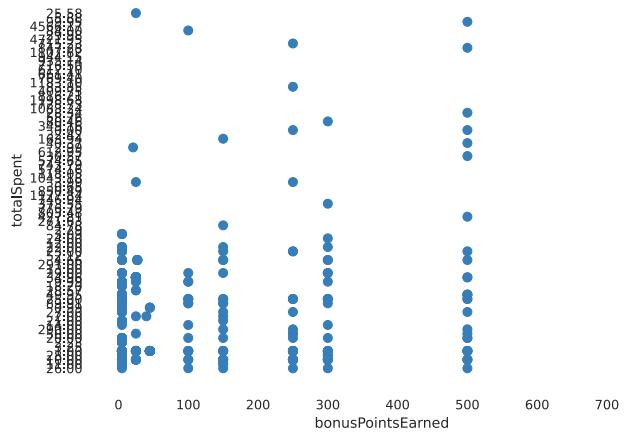
## Most frequent character per block

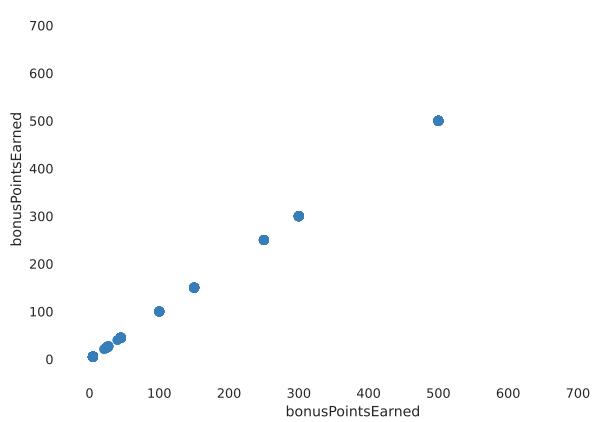
Value	Count	Frequency (%)
1	2923	10.9%
c	2547	9.5%
3	2412	9.0%
f	1957	7.3%
0	1795	6.7%
a	1695	6.3%
7	1674	6.2%
5	1596	5.9%
d	1532	5.7%
b	1523	5.7%
Other values (6)	7202	26.8%

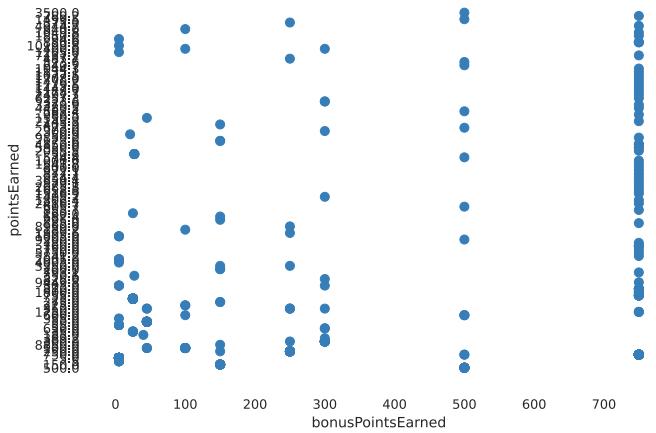


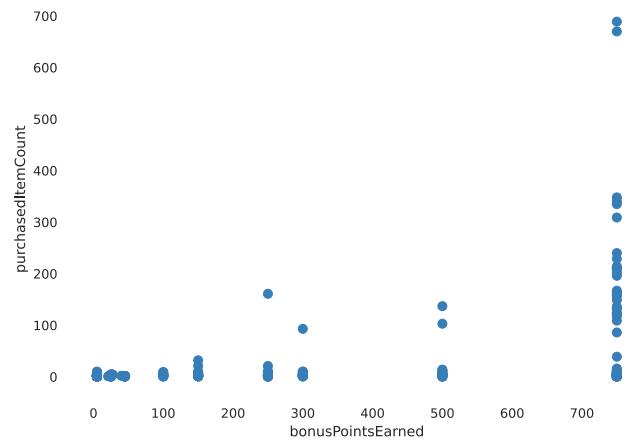


## Interactions

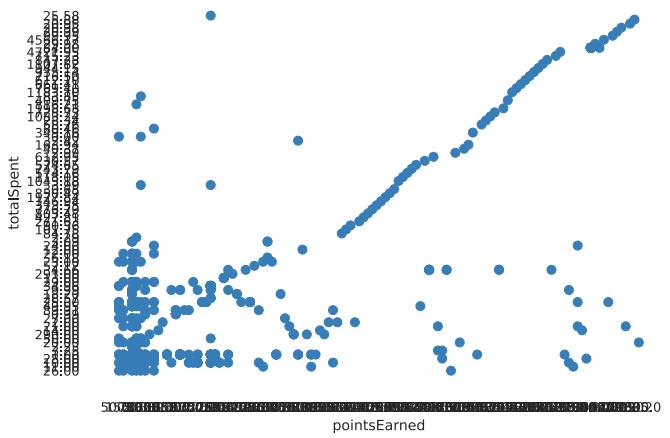


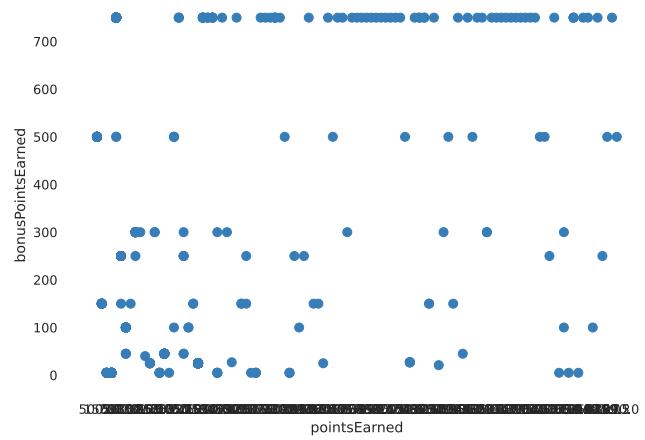


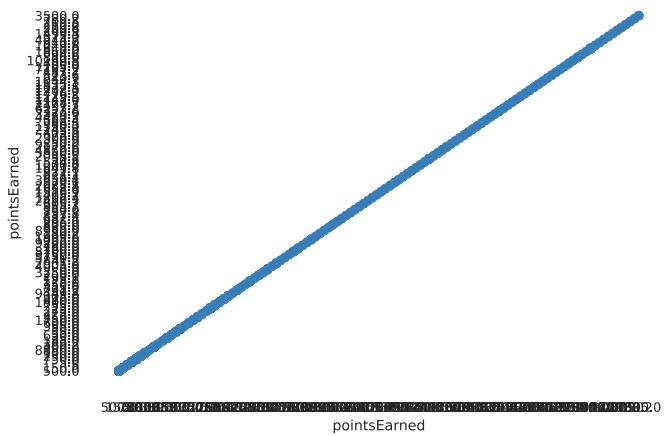


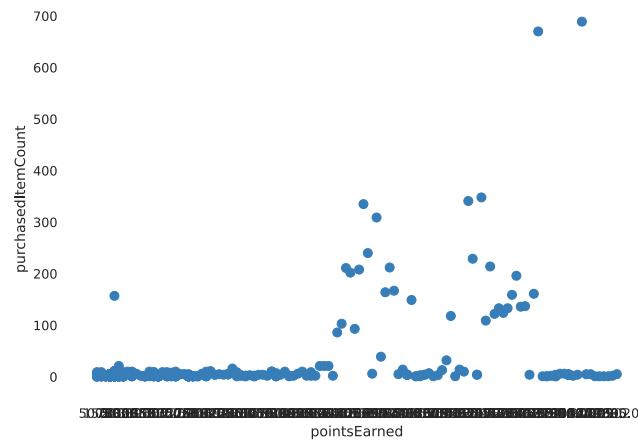




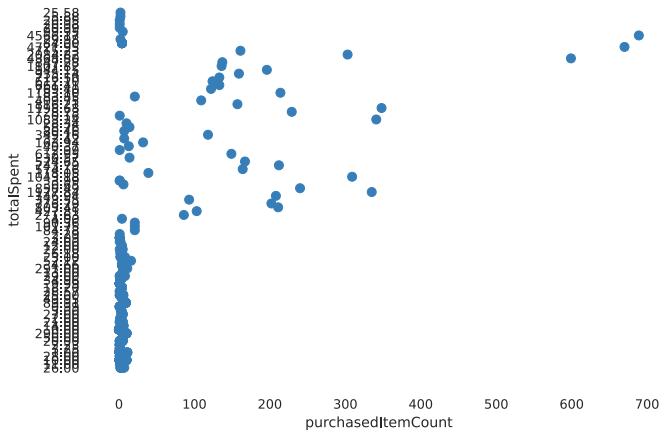


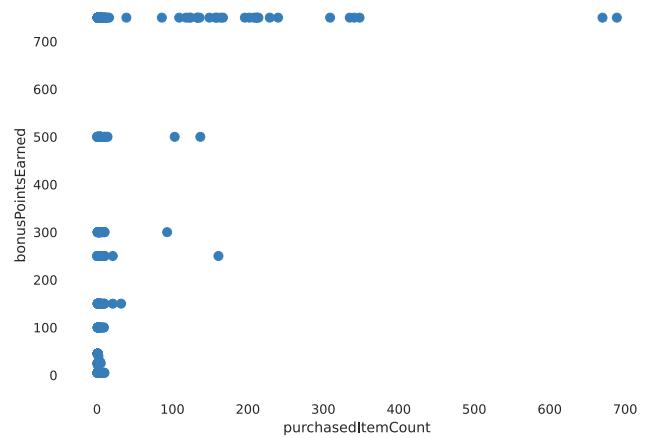


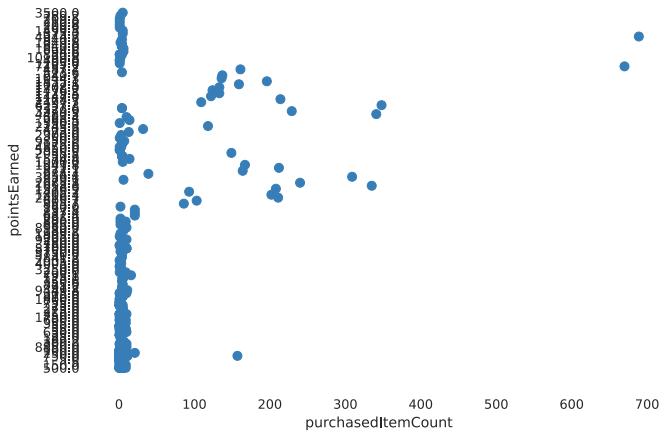


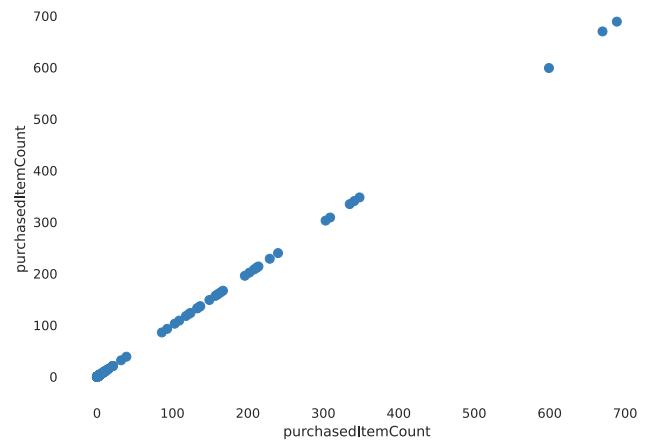




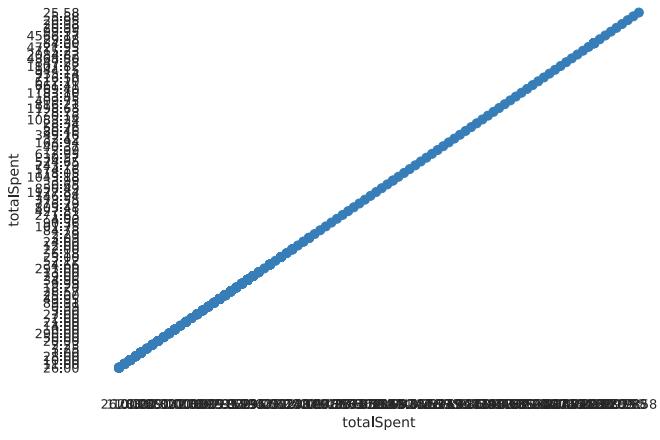


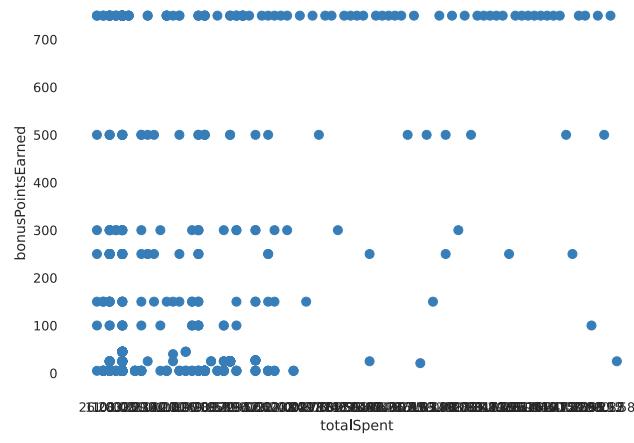


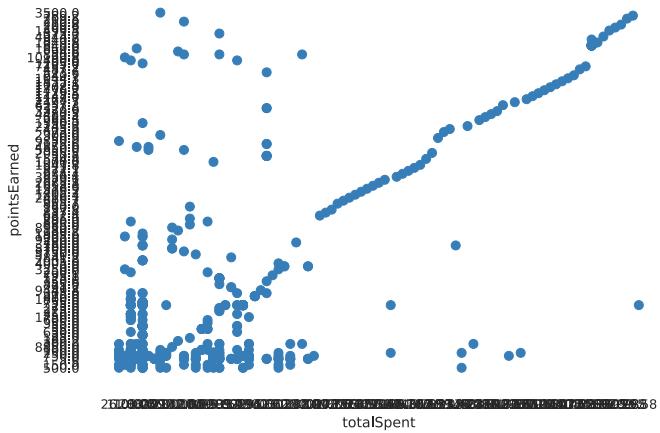


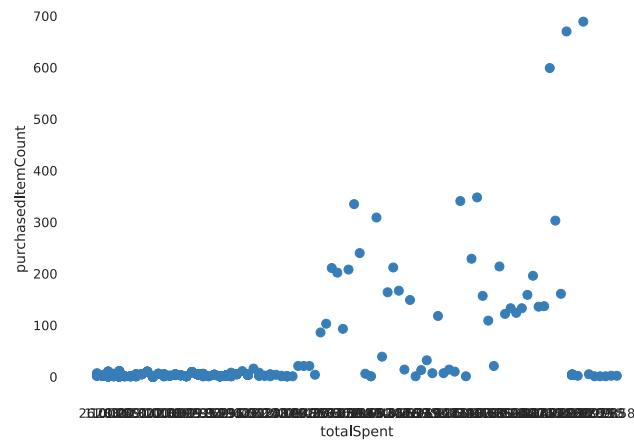






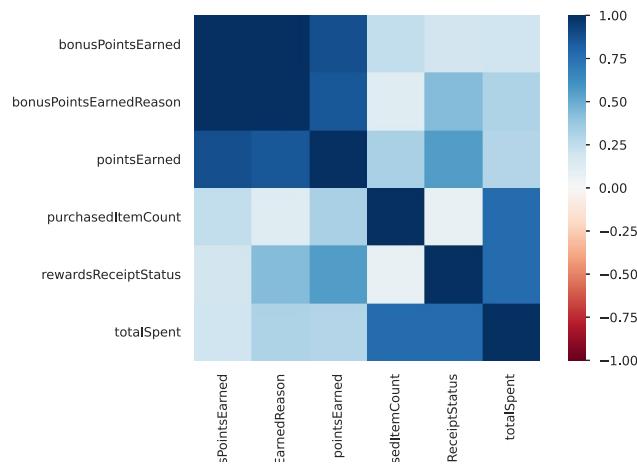








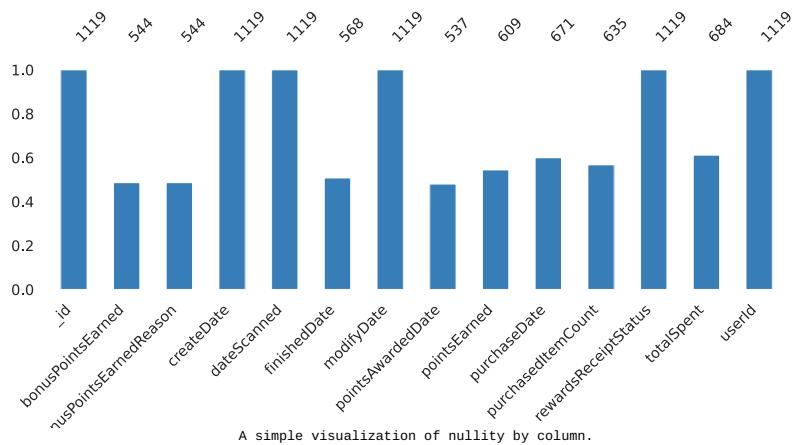
## Correlations

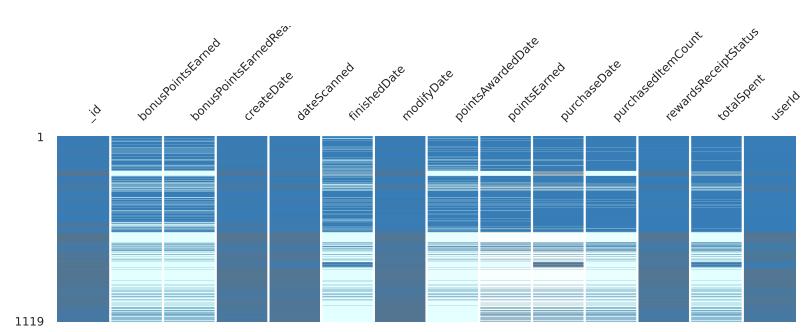


	<b>bonusPointsEarned</b>	<b>bonusPointsEarnedReason</b>	<b>pointsEarned</b>	<b>purchasedItemCount</b>	<b>rewardsReceiptStatus</b>	<b>totalSpent</b>
<b>bonusPointsEarned</b>	1.000	0.996	0.880	0.243	0.182	0.201
<b>bonusPointsEarnedReason</b>	0.996	1.000	0.851	0.119	0.433	0.306
<b>pointsEarned</b>	0.880	0.851	1.000	0.326	0.560	0.290
<b>purchasedItemCount</b>	0.243	0.119	0.326	1.000	0.077	0.768
<b>rewardsReceiptStatus</b>	0.182	0.433	0.560	0.077	1.000	0.772
<b>totalSpent</b>	0.201	0.306	0.290	0.768	0.772	1.000

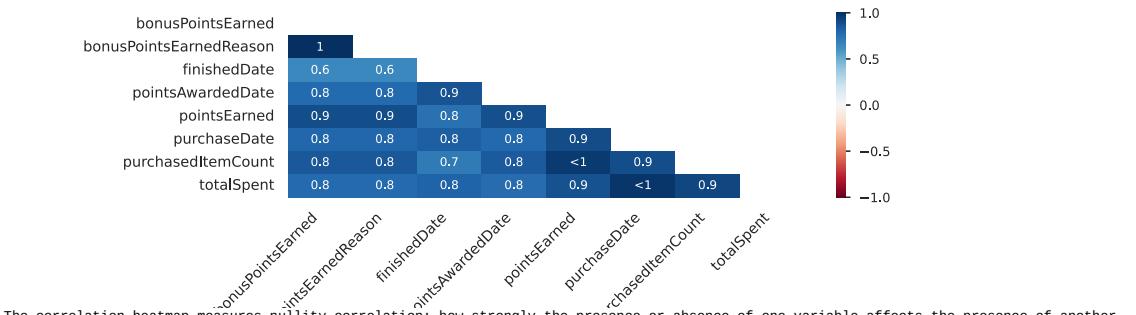


## Missing values





Nullity matrix is a data-dense display which lets you quickly visually pick out patterns in data completion.



## Sample

_id	bonusPointsEarned	bonusPointsEarnedReason	createDate	dateScanned	fini:	
0	5ff1e1eb0a720f0523000575	500.0	Receipt number 2 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	2021-01-03 15:25:31	2021-01-03 15:25:31	2021-
1	5ff1e1bb0a720f052300056b	150.0	Receipt number 5 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	2021-01-03 15:24:43	2021-01-03 15:24:43	2021-
2	5ff1e1f10a720f052300057a	5.0	All-receipts receipt bonus	2021-01-03 15:25:37	2021-01-03 15:25:37	NAT
3	5ff1e1ee0a7214ada100056f	5.0	All-receipts receipt bonus	2021-01-03 15:25:34	2021-01-03 15:25:34	2021-
4	5ff1e1d20a7214ada1000561	5.0	All-receipts receipt bonus	2021-01-03 15:25:06	2021-01-03 15:25:06	2021-
5	5ff1e1e40a7214ada1000566	750.0	Receipt number 1 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	2021-01-03 15:25:24	2021-01-03 15:25:24	2021-
6	5ff1e1cd0a720f052300056f	5.0	All-receipts receipt bonus	2021-01-03 15:25:01	2021-01-03 15:25:01	2021-
7	5ff1e1a40a720f0523000569	500.0	Receipt number 2 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	2021-01-03 15:24:20	2021-01-03 15:24:20	2021-
8	5ff1e1ed0a7214ada100056e	5.0	All-receipts receipt bonus	2021-01-03 15:25:33	2021-01-03 15:25:33	2021-
9	5ff1e1eb0a7214ada100056b	250.0	Receipt number 3 completed, bonus point schedule DEFAULT (5cefdcacf3693e0b50e83a36)	2021-01-03 15:25:31	2021-01-03 15:25:31	2021-

<u>_id</u>	<u>bonusPointsEarned</u>	<u>bonusPointsEarnedReason</u>	<u>createDate</u>	<u>dateScanned</u>	<u>finishedDate</u>	<u>modifyDate</u>	<u>pointsAwarded</u>
1109	603c4a0e0a720fde10000380	NaN	NaN	2021-03-01 01:57:34.494	2021-03-01 01:57:34.494	NaT	2021-03-01 01:57:34.494
1110	603c6adf0a720fde1000039a	NaN	NaN	2021-03-01 04:17:35.736	2021-03-01 04:17:35.736	NaT	2021-03-01 04:17:35.736
1111	603c9e6e0a720fde100003c7	NaN	NaN	2021-03-01 07:57:34.307	2021-03-01 07:57:34.307	NaT	2021-03-01 07:57:34.307
1112	603c3d240a720fde10000373	25.0	COMPLETE_NONPARTNER_RECEIPT	2021-03-01 01:02:28.000	2021-03-01 01:02:28.000	NaT	2021-03-01 01:02:29.000
1113	603cc2bc0a720fde100003e9	25.0	COMPLETE_NONPARTNER_RECEIPT	2021-03-01 10:32:28.000	2021-03-01 10:32:28.000	NaT	2021-03-01 10:32:29.000
1114	603cc0630a720fde100003e6	25.0	COMPLETE_NONPARTNER_RECEIPT	2021-03-01 10:22:27.000	2021-03-01 10:22:27.000	NaT	2021-03-01 10:22:28.000
1115	603d0b710a720fde1000042a	NaN	NaN	2021-03-01 15:42:41.873	2021-03-01 15:42:41.873	NaT	2021-03-01 15:42:41.873
1116	603cf5290a720fde10000413	NaN	NaN	2021-03-01 14:07:37.664	2021-03-01 14:07:37.664	NaT	2021-03-01 14:07:37.664
1117	603ce7100a7217c72c000405	25.0	COMPLETE_NONPARTNER_RECEIPT	2021-03-01 13:07:28.000	2021-03-01 13:07:28.000	NaT	2021-03-01 13:07:29.000
1118	603c4fea0a7217c72c000389	NaN	NaN	2021-03-01 02:22:34.962	2021-03-01 02:22:34.962	NaT	2021-03-01 02:22:34.962

