Overview

Dataset info

Number of variables	16
Number of observations	5638
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	704.9 KiB
Average record size in memory	128.0 B

Variables types

Numeric	4
Categorical	11
Boolean	0
Date	0
URL	0
Text (Unique)	0
Rejected	1
Unsupported	0

Warnings

Amendment_Value is highly skewed ($\gamma1 = 45.56688137$)	**Skewed**
Amendment_Value has 3089 (54.8%) zeros	**Zeros**
Commodity has a high cardinality: 584 distinct values	**Warning**
Entity has a high cardinality: 53 distinct values	**Warning**
Estimated_Trade_Coverage has constant value "No"	**Rejected**
Limited_Tendering_Reason has 4996 (88.6%) zeros	**Zeros**
Original_Value is highly skewed ($\gamma1 = 35.09599741$)	**Skewed**
Original_Value has 179 (3.2%) zeros	**Zeros**

Variables

Amendment_…
Numeric

Distinct count	2219	**Mean**	82193.73731
		Minimum	-3000000
Unique (%)	39.4%	**Maximum**	88491325.04
Missing (%)	0.0%	**Zeros (%)**	54.8%
Missing (n)	0		
Infinite (%)	0.0%		
Infinite (n)	0		
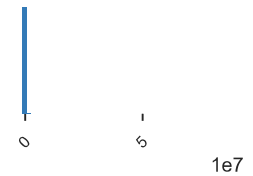
Toggle details

Commodity
Categorical

Distinct count	584
Unique (%)	10.4%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values   **Composition**

Value	Count	Frequency (%)
Informatics Professional Services	1328	23.6%
PRINTING, DUPLICATING AND BO…	287	5.1%
Services of Individuals - Except Con…	209	3.7%
Commercial Security Guard and Rel…	142	2.5%
Budget Control Systems	135	2.4%
ADP Software	118	2.1%
Consulting Services	100	1.8%
Language Training Services	88	1.6%
Automatic Data Processing Equipme…	85	1.5%
Passenger Motor Vehicles	80	1.4%
Other values (574)	3066	54.4%

Commodity_R…
Categorical

Distinct count	3	Yes		3806
Unique (%)	0.1%	No	1335	
Missing (%)	0.0%	Unknown	497	
Missing (n)	0			

Toggle details

Commodity_T…
Categorical

Distinct count	3	Services		4326
Unique (%)	0.1%	Goods	1006	
Missing (%)	0.0%	Construction	306	
Missing (n)	0			

Toggle details

Country_of_O…
Categorical

Distinct count	31	CA		5438
Unique (%)	0.5%	US	112	
Missing (%)	0.0%	GB	14	
Missing (n)	0	Other values (28)	74	

Toggle details

Entities_Rule
Categorical

Distinct count	3	Yes		4852
Unique (%)	0.1%	Unknown	692	
Missing (%)	0.0%	No	94	
Missing (n)	0			

Toggle details

Entity
Categorical

Distinct count	53
Unique (%)	0.9%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values	Composition

Value	Count	Frequency (%)

Value	Count	Frequency (%)
CSC	1208	21.4%
DND	1083	19.2%
CRA	1077	19.1%
CBSA	618	11.0%
GAC	206	3.7%
VAC	203	3.6%
DFO	200	3.5%
ESDC	144	2.6%
CEO	115	2.0%
ATSSC	112	2.0%
Other values (43)	672	11.9%

Estimated_Tra… Constant	*This variable is constant and should be ignored for analysis*	Constant value	No	

Exemption Categorical	**Distinct count**	4		0	5620
	Unique (%)	0.1%		1	12
	Missing (%)	0.0%		3	5
	Missing (n)	0			
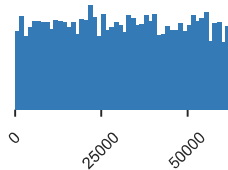
Toggle details

Exemptions_R… Categorical	**Distinct count**	2		Yes	5620
	Unique (%)	< 0.1%		Unknown	18
	Missing (%)	0.0%			
	Missing (n)	0			

Toggle details

Limited_Tende…
Numeric

Distinct count	9	**Mean**	8.642426392	
Unique (%)	0.2%	**Minimum**	0	
Missing (%)	0.0%	**Maximum**	87	
Missing (n)	0	**Zeros (%)**	88.6%	
Infinite (%)	0.0%			
Infinite (n)	0			

Toggle details

Limited_Tende…
Categorical

Distinct count	2	Yes	4996
Unique (%)	< 0.1%	Unknown	642
Missing (%)	0.0%		
Missing (n)	0		

Toggle details

Original_Value
Numeric

Distinct count	3919	**Mean**	383156.6613
Unique (%)	69.5%	**Minimum**	0
Missing (%)	0.0%	**Maximum**	270659325
Missing (n)	0	**Zeros (%)**	3.2%
Infinite (%)	0.0%		
Infinite (n)	0		

Toggle details

Statistics	Histogram	Common values	Extreme values

Quantile statistics

Minimum	0
5-th percentile	6260.4415
Q1	17000
Median	43319.385
Q3	115494.665
95-th percentile	380218.12
Maximum	270659325
Range	270659325

Descriptive statistics

Standard deviation	6837173.477
Coef of variation	17.84432888
Kurtosis	1330.665713
Mean	383156.6613
MAD	603489.753
Skewness	35.09599741
Sum	2160237256
Variance	4.674694116e+13

Interquartile range	98494.665	**Memory size**	44.2 KiB

thresholds Categorical	**Distinct count**	3	No		5100
	Unique (%)	0.1%	Yes	350	
	Missing (%)	0.0%	Unknown	188	
	Missing (n)	0			

Toggle details

Unnamed_0 Numeric	**Distinct count**	5638	**Mean**	30963.36946
	Unique (%)	100.0%	**Minimum**	20
	Missing (%)	0.0%	**Maximum**	62213
	Missing (n)	0	**Zeros (%)**	0.0%
	Infinite (%)	0.0%		
	Infinite (n)	0		

Toggle details

Year Categorical	**Distinct count**	3	2018		2847
	Unique (%)	0.1%	2017		2006
	Missing (%)	0.0%	2019	785	
	Missing (n)	0			

Toggle details

Correlations

Pearson's r	Spearman's ρ	Kendall's τ	Phik (φ_k)	Cramér's V (φ_c)	Recoded

Amendment_Value

1.00

0.75
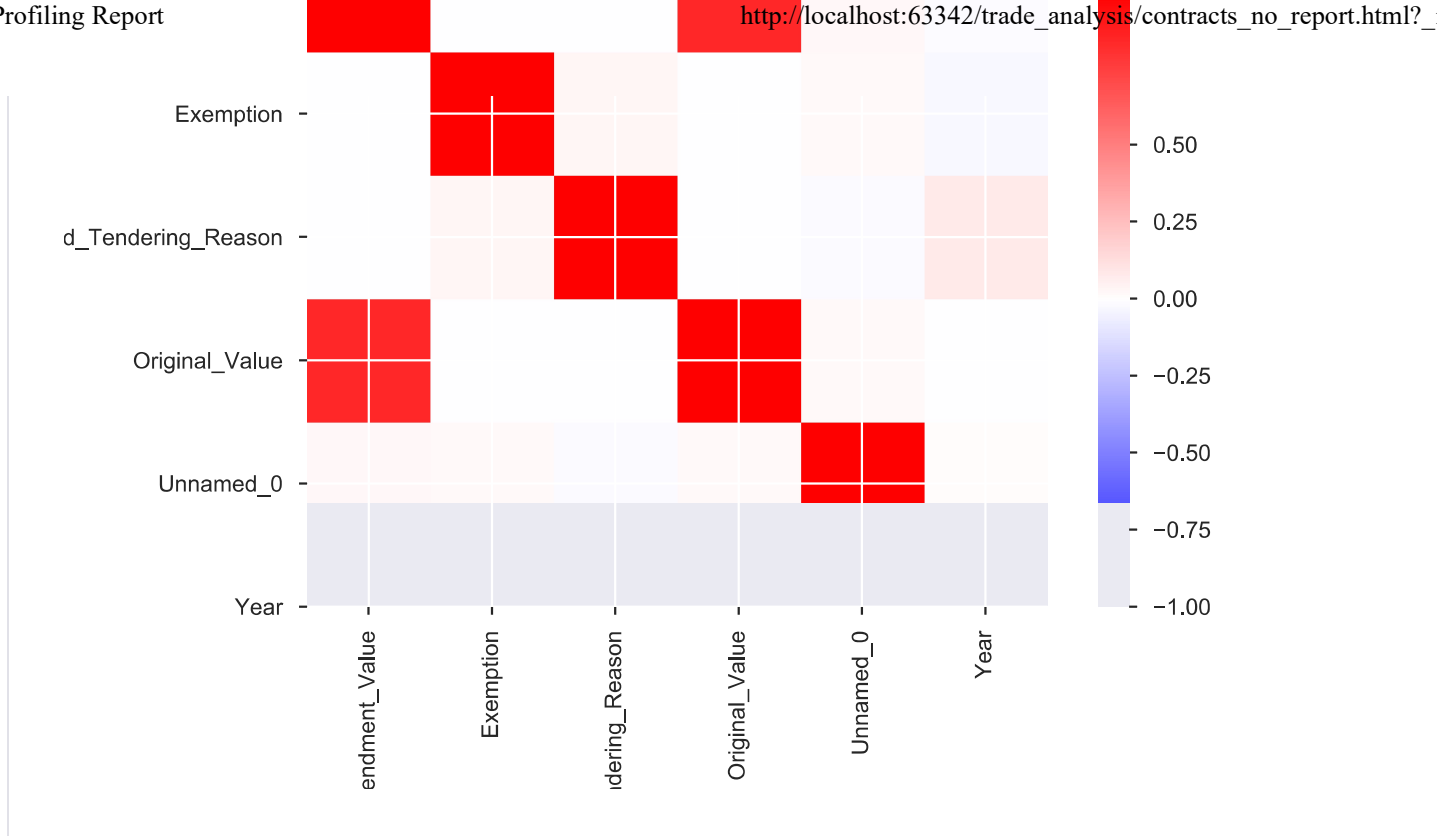
Missing values
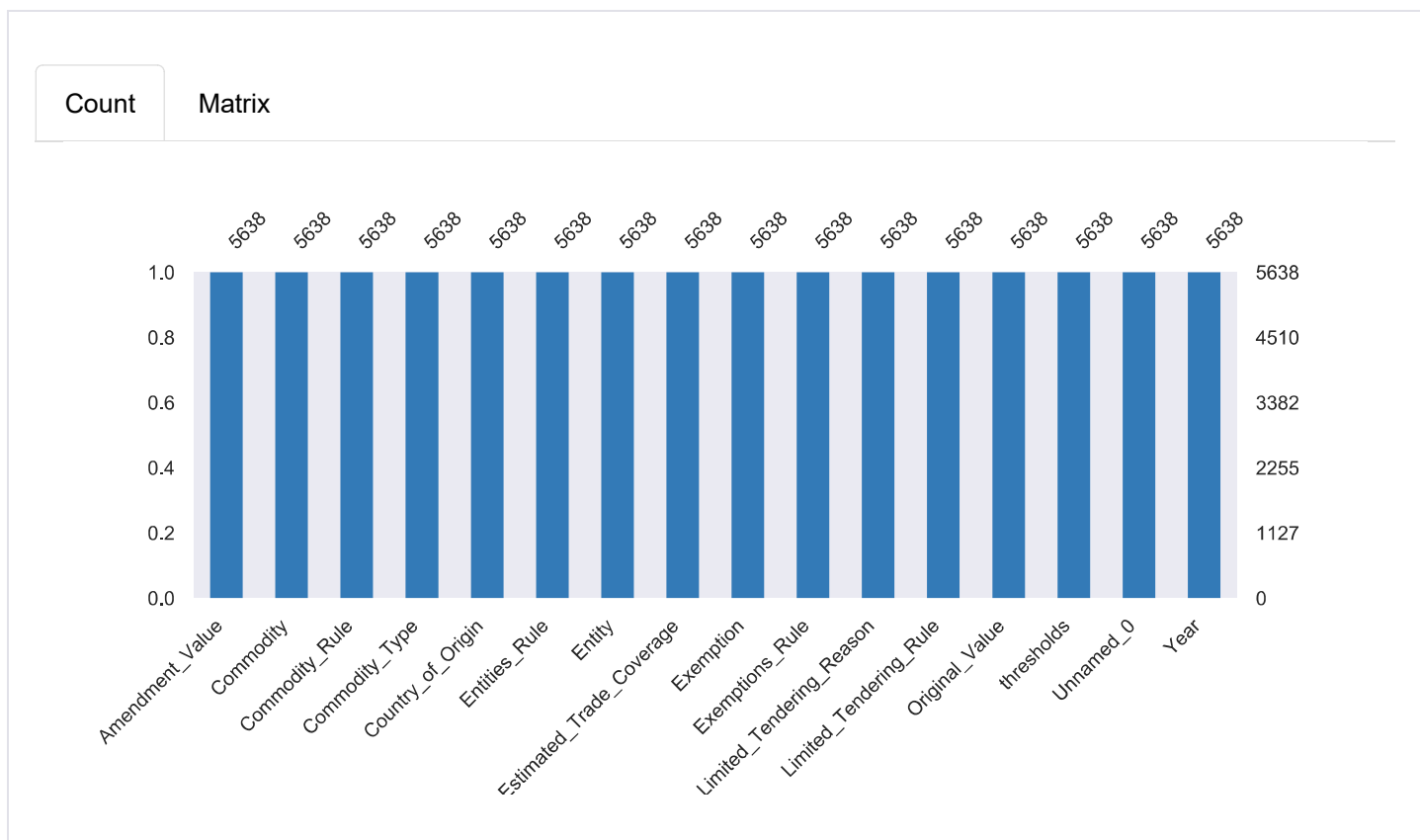
Sample

First rows

	Amendment_Value	Commodity
0	0.0	Training and Curriculum Development
1	0.0	Power and Hand Pumps
2	0.0	Commercial Security Guard and Related Services
3	0.0	ADP Software
4	0.0	Commercial Security Guard and Related Services
5	0.0	Commercial Security Guard and Related Services
6	0.0	TRUCKS AND TRUCK TRACTORS, WHEELED - RENTAL
7	0.0	Maintenance, Repair, Modification, Rebuilding & Installation of Equipment related to
8	37629.0	General Office Help
9	212722.5	Informatics Professional Services

Last rows

	Amendment_Value	Commodity		Cor
5628	0.00	Business Training		No
5629	0.00	Other Engineering Studies		Yes
5630	-28108.18	Informatics Professional Services		Yes
5631	0.00	Cabinets, Lockers, Bins and Shelving		Yes
5632	-76106.69	Informatics Professional Services		Yes

	Amendment_Value	Commodity	Cor
5633	0.00	PRINTING, DUPLICATING AND BOOKBINDING EQUIPMENT, LEASING	Yes
5634	103104.54	Information Products	No
5635	0.00	Refrigeration and Air Conditioning Components - Repair	Yes
5636	0.00	PRINTING, DUPLICATING AND BOOKBINDING EQUIPMENT, LEASING	Yes
5637	43150.04	Informatics Professional Services	Yes

Report generated with pandas-profiling (https://github.com/pandas-profiling/pandas-profiling).