

Overview

Dataset info

Number of variables	16
Number of observations	62239
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	7.6 MiB
Average record size in memory	128.0 B

Variables types

Numeric	5
Categorical	11
Boolean	0
Date	0
URL	0
Text (Unique)	0
Rejected	0
Unsupported	0

Warnings

Amendment_Value is highly skewed ($\gamma_1 = 195.9911812$)

Amendment_Value has 50207 (80.7%) zeros

Commodity has a high cardinality: 1525 distinct values

Country_of_Origin has a high cardinality: 137 distinct values

Entity has a high cardinality: 63 distinct values

Exemption is highly skewed ($\gamma_1 = 43.60094747$)

Exemption has 62174 (99.9%) zeros

Limited_Tendering_Reason has 52172 (83.8%) zeros

Original_Value is highly skewed ($\gamma_1 = 102.7278833$)

Skewed

Zeros

Warning

Warning

Warning

Skewed

Zeros

Zeros

Skewed

Variables

Amendment_... Numeric	Distinct count	10306	Mean	71769.73839
	Unique (%)	16.6%	Minimum	-16522116
	Missing (%)	0.0%	Maximum	1157080504
	Missing (n)	0	Zeros (%)	80.7%
	Infinite (%)	0.0%		
	Infinite (n)	0		

[Toggle details](#)

Statistics

Histogram

Common values

Extreme values

Quantile statistics

Minimum	-16522116
5-th percentile	0
Q1	0
Median	0
Q3	0
95-th percentile	92281.746
Maximum	1157080504
Range	1173602620
Interquartile range	0

Descriptive statistics

Standard deviation	5101873.464
Coef of variation	71.08669446
Kurtosis	43007.84329
Mean	71769.73839
MAD	136410.061
Skewness	195.9911812
Sum	4466876748
Variance	2.602911284e+13
Memory size	486.4 KiB

Commodity

Categorical

Distinct count	1525
Unique (%)	2.5%
Missing (%)	0.0%
Missing (n)	0

[Toggle details](#)

Common values

Composition

Value	Count	Frequency (%)
Liquid Propellants and Fuels, Petrole...	4042	6.5%
Informatics Professional Services	2964	4.8%
Middle Distillate Fuels	1497	2.4%
Drugs and Biologicals	1476	2.4%
Commercial Security Guard and Rel...	1334	2.1%

Value	Count	Frequency (%)
Office Furniture	1319	2.1%
Structural Steel Work	1318	2.1%
ADP Software	1215	2.0%
Laboratory Equipment and Supplies	1172	1.9%
Passenger Motor Vehicles	1029	1.7%
Other values (1515)	44873	72.1%

Commodity_R... Categorical	Distinct count	3	Unknown	44533
			Yes	16371
	Unique (%)	< 0.1%	No	1335
	Missing (%)	0.0%		
	Missing (n)	0		
Toggle details				

Commodity_T... Categorical	Distinct count	3	Services	29964
			Goods	26770
	Unique (%)	< 0.1%	Construction	5505
	Missing (%)	0.0%		
	Missing (n)	0		
Toggle details				

Country_of_O... Categorical	Distinct count	137		
	Unique (%)	0.2%		
	Missing (%)	0.0%		
	Missing (n)	0		
Toggle details				

Common values

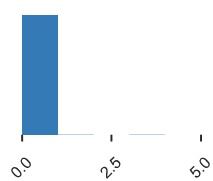
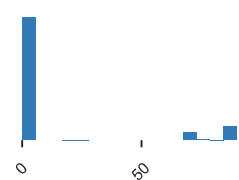
Composition


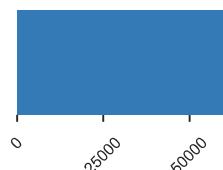
Value	Count	Frequency (%)
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Value	Count	Frequency (%)
CA	57454	92.3%
US	1849	3.0%
GB	413	0.7%
DE	280	0.4%
SN	230	0.4%
FR	131	0.2%
IT	92	0.1%
RO	71	0.1%
GR	69	0.1%
ES	64	0.1%
Other values (127)	1586	2.5%

Entities_Rule Categorical	Distinct count	3	Unknown		52917
			Yes		9228
	Unique (%)	< 0.1%	No		94
	Missing (%)	0.0%			
	Missing (n)	0			
Toggle details					

Entity Categorical	Distinct count	63	DND		32368
			CSC		10167
	Unique (%)	0.1%	DFO		3818
	Missing (%)	0.0%	Other values (60)		15886
	Missing (n)	0			
Toggle details					

Estimated_Tra... Categorical	Distinct count Unique (%) Missing (%) Missing (n)	3 < 0.1% 0.0% 0		Unknown Yes No	42376 18451 1412		Toggle details
Exemption Numeric	Distinct count Unique (%) Missing (%) Missing (n) Infinite (%) Infinite (n)	6 < 0.1% 0.0% 0 0.0% 0	Mean Minimum Maximum Zeros (%)	0.0025707353 0 6 99.9%			Toggle details
Exemptions_R... Categorical	Distinct count Unique (%) Missing (%) Missing (n)	2 < 0.1% 0.0% 0		Unknown Yes	51967 10272		Toggle details
Limited_Tende... Numeric	Distinct count Unique (%) Missing (%) Missing (n) Infinite (%) Infinite (n)	16 < 0.1% 0.0% 0 0.0% 0	Mean Minimum Maximum Zeros (%)	12.44785424 0 90 83.8%			Toggle details
Limited_Tende... Categorical	Distinct count	2		Unknown Yes	53222 9017		

Unique (%)		<		0.1%	
Missing (%)		0.0%			
Missing (n)		0			
<div>Toggle details</div>					
Original_Value Numeric	Distinct count	45758	Mean	347253.1686	
	Unique (%)	73.5%	Minimum	0	
	Missing (%)	0.0%	Maximum	1772776794	
	Missing (n)	0	Zeros (%)	0.4%	
	Infinite (%)	0.0%			
	Infinite (n)	0			
	<div>Toggle details</div>				
thresholds Categorical	Distinct count	3			
			Yes	34703	
			Unknown	22436	
			No	5100	
Unique (%)		<	0.1%		
Missing (%)		0.0%			
Missing (n)		0			
<div>Toggle details</div>					
Unnamed_0 Numeric	Distinct count	62239	Mean	31119	
	Unique (%)	100.0%	Minimum	0	
	Missing (%)	0.0%	Maximum	62238	
	Missing (n)	0	Zeros (%)	< 0.1%	
	Infinite (%)	0.0%			
	Infinite (n)	0			
	<div>Toggle details</div>				
Year Categorical	Distinct count	3			
			2018	32681	
			2017	21907	
	Unique (%)	<	2019	7651	
		0.1%			

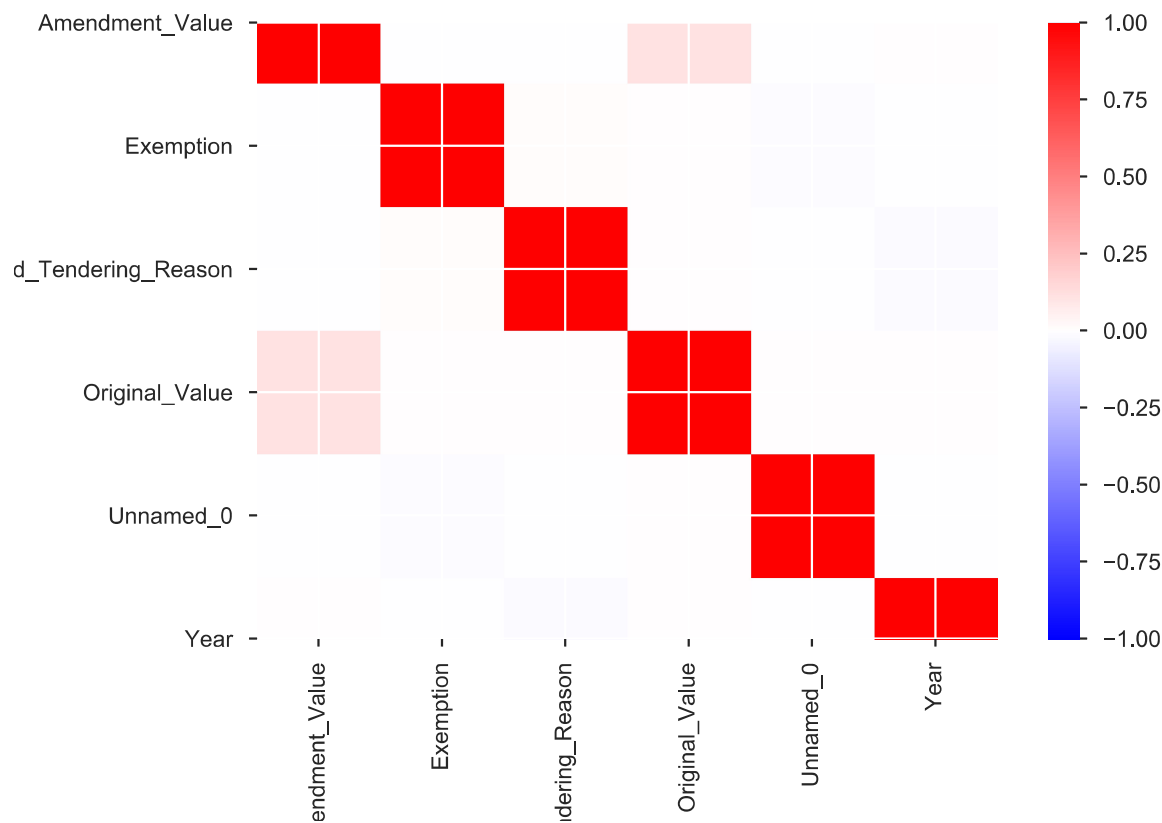
Missing (%) 0.0%**Missing (n)** 0[Toggle details](#)

Correlations

Pearson's r

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

Recoded

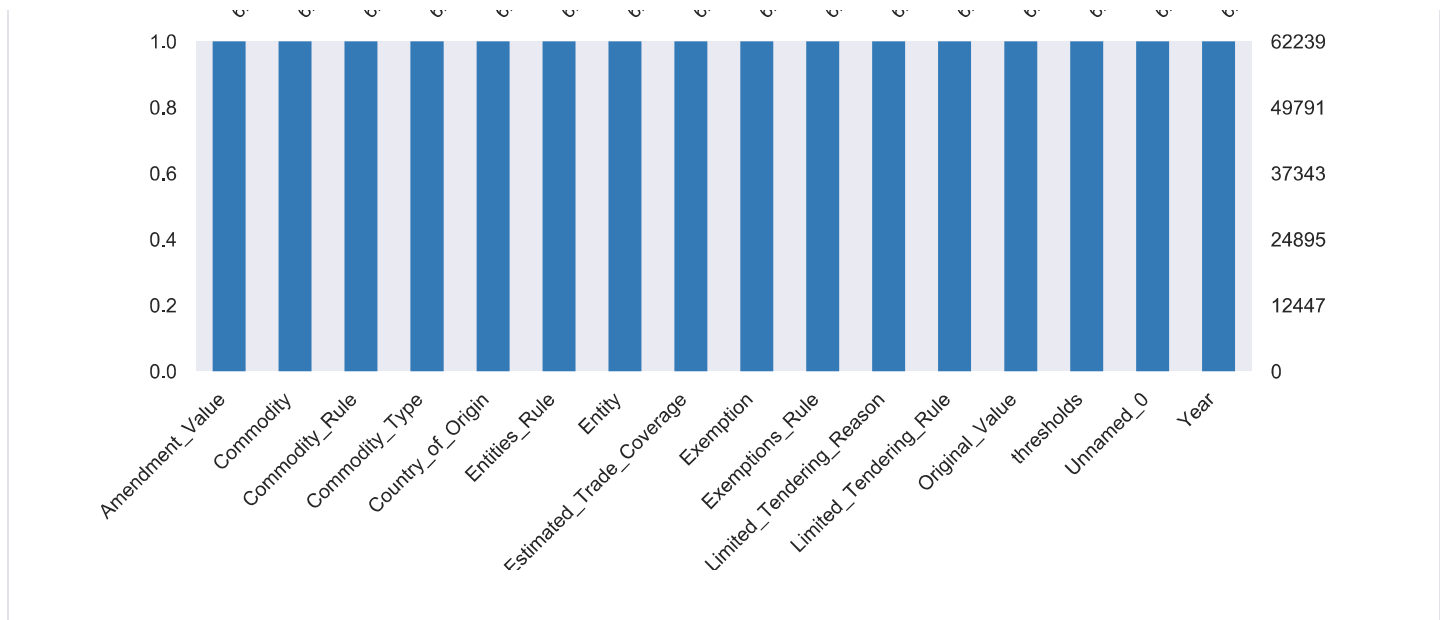


Missing values

Count

Matrix

2239 2239 2239 2239 2239 2239 2239 2239 2239 2239 2239 2239 2239 2239 2239



Sample

First rows

	Amendment_Value	Commodity	Commoc
0	53677.05	Pilot Training Services, Aircraft	No
1	0.00	Radio and Television Communications Equipment, Except Airborne	Unknown
2	0.00	COPYING MACHINE, DIAZO PROCESS (WHITE PRINTER) - RENTAL	Unknown
3	0.00	General Marine Construction Work	Unknown
4	0.00	EARTHMOVING AND EXCAVATING EQUIPMENT - RENTAL	Unknown
5	0.00	TRAILERS - RENTAL	Unknown
6	157248.00	Mental Health Services	Yes
7	25288.50	Informatics Professional Services	Yes
8	7750.00	Health and Welfare Services	Yes
9	0.00	Highways, Roads, Railways, Airfield Runways	Unknown

Last rows

	Amendment_Value	Commodity
62229	40873.48	Heating, Ventilation and Air Conditioning Maintenance & Inspection Services
62230	-100603.13	Informatics Professional Services
62231	7492.92	General Office Help
62232	0.00	Bakery and Cereal Products (replaced by gsin N8920Z)
62233	0.00	Other Natural Resource and Conservation Services
62234	0.00	Wallboard
62235	-64719.00	Hotels, Motels and Commercial Accommodation
62236	0.00	Building Fire Protection Systems
62237	62150.00	Automatic Data Processing Equipment, System Configuration
62238	0.00	Product/Material - Design, Development, Formulation, Modification: Science an

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