Overview

Dataset info

Number of variables	17
Number of observations	14236
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	1.8 MiB
Average record size in memory	136.0 B

Variables types

Numeric	4
Categorical	12
Boolean	0
Date	0
URL	0
Text (Unique)	0
Rejected	1
Unsupported	0

Warnings

Amendment_Value is highly skewed ($\gamma_1 = 28.90404923$)	Skewed
Amendment_Value has 13950 (98.0%) zeros	Zeros
Commodity has a high cardinality: 538 distinct values	Warning
Estimated_Trade_Coverage has constant value "No"	Rejected
Limited_Tendering_Reason has 12556 (88.2%) zeros	Zeros
Original_Value is highly skewed ($\gamma_1 = 39.28075032$)	Skewed

Variables

Amendment_…		**Distinct count**	70	**Mean**	3418.978056
Numeric				**Minimum**	-70070.46
		Unique (%)	0.5%	**Maximum**	2282859.52
		Missing (%)	0.0%	**Zeros (%)**	98.0%
		Missing (n)	0		

Infinite (%)   0.0%

Infinite (n)   0
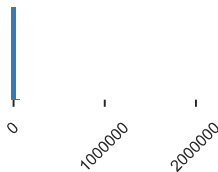
Toggle details

Commodity
Categorical

Distinct count	538
Unique (%)	3.8%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values	Composition

Value	Count	Frequency (%)
PRINTING, DUPLICATING AND BO…	1691	11.9%
Informatics Professional Services	1139	8.0%
Passenger Motor Vehicles	492	3.5%
Services of Individuals - Except Con…	441	3.1%
Consulting Services	385	2.7%
ADP Software	369	2.6%
Office Furniture	310	2.2%
Automatic Data Processing Equipme…	298	2.1%
Harassment (Investigative Services)	292	2.1%
Meat, Poultry and Fish (replaced by …	270	1.9%
Other values (528)	8549	60.1%

Commodity_R…
Categorical

Distinct count	3
Unique (%)	< 0.1%

Yes	10044
No	2519
Unknown	1673

| **Missing (%)** | 0.0% |
| **Missing (n)** | 0 |

Toggle details

Commodity_T…
Categorical

Distinct count	3	Services		9211
Unique (%)	< 0.1%	Goods	4606	
		Construction	419	
Missing (%)	0.0%			
Missing (n)	0			

Toggle details

Country_of_O…
Categorical

Distinct count	25	CA		13712
Unique (%)	0.2%	US	320	
Missing (%)	0.0%	GB	40	
Missing (n)	0	Other values (22)	164	

Toggle details

Entities_Rule
Categorical

Distinct count	3	Yes		11990
Unique (%)	< 0.1%	Unknown	1852	
		No	394	
Missing (%)	0.0%			
Missing (n)	0			

Toggle details

Entity
Categorical

Distinct count	46
Unique (%)	0.3%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values   Composition

Value	Count	Frequency (%)
CSC	5483	38.5%

Value	Count	Frequency (%)
DND	2976	20.9%
CBSA	1899	13.3%
VAC	936	6.6%
ATSSC	379	2.7%
CEO	331	2.3%
StatCan	225	1.6%
CRCC	210	1.5%
HC	207	1.5%
GAC	193	1.4%
Other values (36)	1397	9.8%

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

Exemption
Categorical

Distinct count	3
Unique (%)	< 0.1%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values	Composition

Value	Count	Frequency (%)
0	14191	99.7%
1	37	0.3%
3	8	0.1%

Exemptions_R…
Categorical

Distinct count	2	Yes	14191
		Unknown	45
Unique (%)	< 0.1%		
Missing (%)	0.0%		
Missing (n)	0		

Toggle details

Limited_Tende…
Numeric

Distinct count	9	**Mean**	9.105858387
Unique (%)	0.1%	**Minimum**	0
Missing (%)	0.0%	**Maximum**	87
Missing (n)	0	**Zeros (%)**	88.2%
Infinite (%)	0.0%		
Infinite (n)	0		

Toggle details

Statistics   Histogram   Common values   Extreme values

Value	Count	Frequency (%)
0	12556	88.2%
71	673	4.7%
85	531	3.7%
87	232	1.6%
86	111	0.8%
74	83	0.6%
23	27	0.2%
5	16	0.1%
20	7	< 0.1%

Limited_Tende…
Categorical

Distinct count	2	Yes	12556
		Unknown	1680
Unique (%)	< 0.1%		

Missing (%)	0.0%	
Missing (n)	0	

Toggle details

Original_Value
Numeric

Distinct count	2748	**Mean**	178557.8704	
Unique (%)	19.3%	**Minimum**	0	
Missing (%)	0.0%	**Maximum**	119063654.1	
Missing (n)	0	**Zeros (%)**	0.1%	
Infinite (%)	0.0%			
Infinite (n)	0			

Toggle details

Statistics	Histogram	Common values	Extreme values

Quantile statistics

Minimum	0
5-th percentile	10685.28
Q1	14670.31
Median	24885
Q3	55147.05
95-th percentile	303862.5
Maximum	119063654.1
Range	119063654.1
Interquartile range	40476.74

Descriptive statistics

Standard deviation	1916025.891
Coef of variation	10.73055972
Kurtosis	2034.762819
Mean	178557.8704
MAD	265500.3547
Skewness	39.28075032
Sum	2541949843
Variance	3.671155216e+12
Memory size	111.3 KiB

Thresholds_R…
Categorical

Distinct count	3	No	12911
Unique (%)	< 0.1%	Yes	1017
Missing (%)	0.0%	Unknown	308
Missing (n)	0		

Toggle details

Trade_Agree…
Categorical

Distinct count	11
Unique (%)	0.1%
Missing (%)	0.0%

Missing (n)	0	

Toggle details

| Common values | Composition |

Value	Count	Frequency (%)
CFTA	1892	13.3%
NAFTA	1687	11.9%
WTO-AGP	1636	11.5%
CKFTA	1580	11.1%
CPFTA	1545	10.9%
CCFTA	1461	10.3%
CHFTA	1409	9.9%
CPaFTA	1382	9.7%
CCoFTA	1382	9.7%
CETA	251	1.8%

Unnamed_0
Numeric

Distinct count	14236	**Mean**	36630.87005	
Unique (%)	100.0%	**Minimum**	8	
		Maximum	73082	
Missing (%)	0.0%	**Zeros (%)**	0.0%	
Missing (n)	0			
Infinite (%)	0.0%			
Infinite (n)	0			
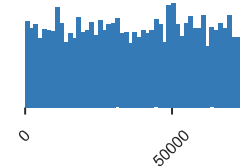
Toggle details

Year
Categorical

Distinct count	3	2018	7700
		2017	4635
Unique (%)	< 0.1%	2019	1901
Missing (%)	0.0%		

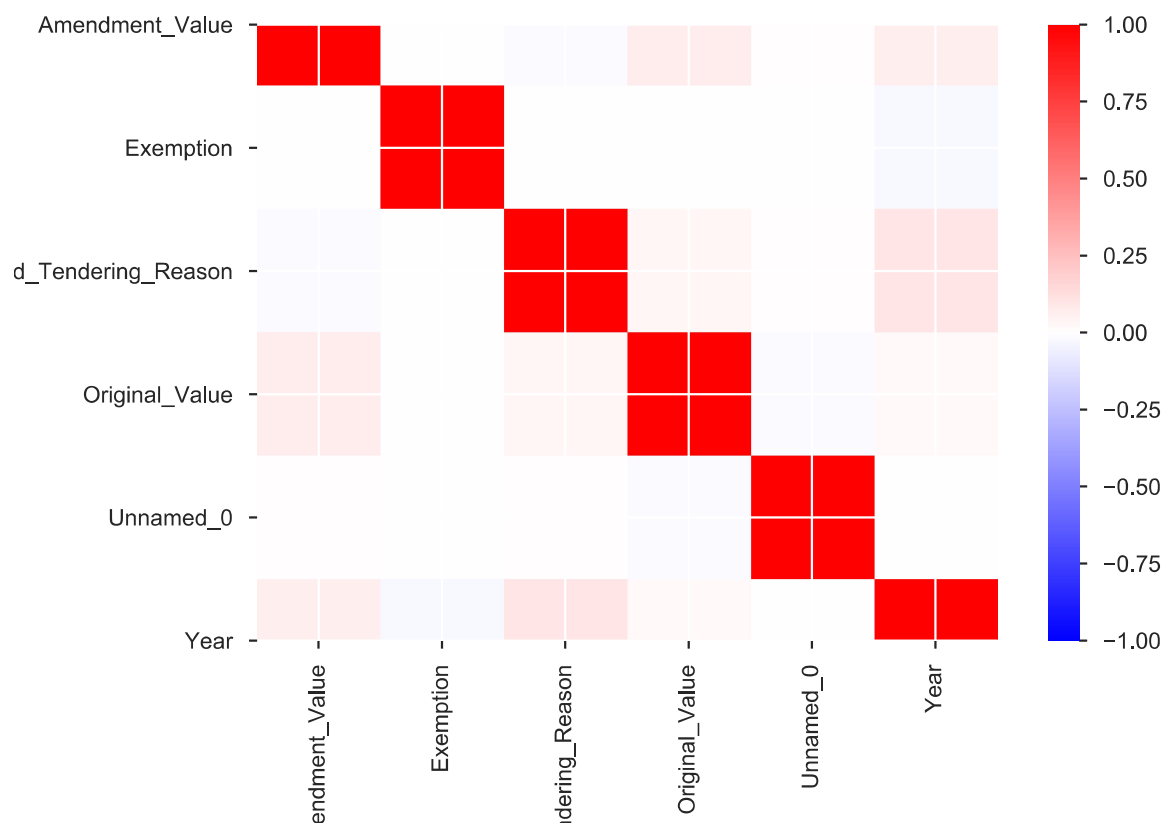|	
Missing (n)	0

Toggle details

Correlations

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

Missing values

Count Matrix
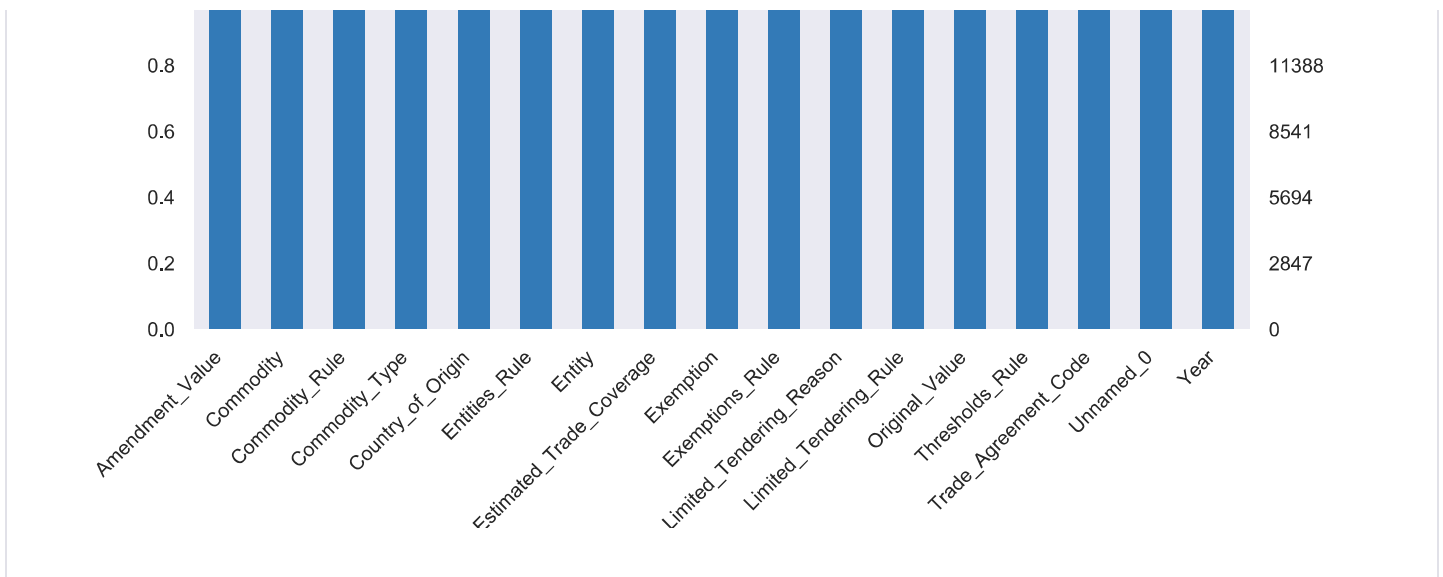
Sample

First rows

	Amendment_Value	Commodity	Com
0	0.0	Grounds Maintenance	Unkr
1	0.0	Heating, Ventilation and Air Conditioning Maintenance & Inspection Services	Yes
2	0.0	Heating, Ventilation and Air Conditioning Maintenance & Inspection Services	Unkr
3	0.0	Marine Hardware and Hull Items	Unkr
4	0.0	Tableware	Yes
5	0.0	Tableware	Yes
6	0.0	Tableware	Yes
7	0.0	Tableware	Yes
8	0.0	Tableware	Yes
9	0.0	Tableware	Yes

Last rows

	Amendment_Value	Commodity
14226	0.0	Laboratory Equipment and Supplies
14227	0.0	Laboratory Equipment and Supplies
14228	0.0	Laboratory Equipment and Supplies
14229	0.0	Laboratory Equipment and Supplies
14230	0.0	Laboratory Equipment and Supplies
14231	0.0	Laboratory Equipment and Supplies
14232	0.0	Specialized Shipping and Storage Containers
14233	0.0	Specialized Shipping and Storage Containers
14234	0.0	Heating, Ventilation and Air Conditioning Maintenance & Inspection Services
14235	0.0	Heating, Ventilation and Air Conditioning Maintenance & Inspection Services

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