Overview

Dataset info

Number of variables	17
Number of observations	1766
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	234.7 KiB
Average record size in memory	136.1 B

Variables types

Numeric	4
Categorical	6
Boolean	1
Date	0
URL	0
Text (Unique)	0
Rejected	6
Unsupported	0

Warnings

`Amendment_Value` is highly skewed ($\gamma 1 = 37.65050872$)	**Skewed**
`Amendment_Value` has 1758 (99.5%) zeros	**Zeros**
`Commodity` has a high cardinality: 277 distinct values	**Warning**
`Commodity_Rule` has constant value "Unknown"	**Rejected**
`Entities_Rule` has constant value "Unknown"	**Rejected**
`Estimated_Trade_Coverage` has constant value "Unknown"	**Rejected**
`Exemptions_Rule` has constant value "Unknown"	**Rejected**
`Limited_Tendering_Rule` has constant value "Unknown"	**Rejected**
`Thresholds_Rule` has constant value "Unknown"	**Rejected**

Variables

Amendment_…
Numeric

Distinct count	9	**Mean**	994.9051812	
Unique (%)	0.5%	**Minimum**	0	
Missing (%)	0.0%	**Maximum**	1150403.63	
Missing (n)	0	**Zeros (%)**	99.5%	
Infinite (%)	0.0%			
Infinite (n)	0			
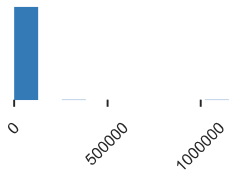
Toggle details

Commodity
Categorical

Distinct count	277
Unique (%)	15.7%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values   Composition

Value	Count	Frequency (%)
Laboratory Equipment and Supplies	333	18.9%
ADP Software	270	15.3%
Office Furniture	140	7.9%
Liquid Propellants and Fuels, Petrole…	114	6.5%
ADP Software Maintenance - Other t…	93	5.3%
Hardware, Commercial	51	2.9%
Medical and Surgical Instruments, E…	34	1.9%
Miscellaneous Items	32	1.8%
Dairy Foods and Eggs (replaced by …	28	1.6%
Chemicals	22	1.2%
Other values (267)	649	36.7%

Commodity_R...
Constant

This variable is constant and should be ignored for analysis

Constant value   Unknown

Commodity_T...
Categorical

Distinct count	3	Goods	1523
Unique (%)	0.2%	Services	241
Missing (%)	0.0%	Construction	2
Missing (n)	0		

Toggle details

Country_of_O...
Categorical

Distinct count	35	CA	1516
Unique (%)	2.0%	US	136
Missing (%)	0.0%	CZ	23
Missing (n)	0	Other values (32)	91

Toggle details

Entities_Rule
Constant

This variable is constant and should be ignored for analysis

Constant value   Unknown

Entity
Categorical

Distinct count	35
Unique (%)	2.0%
Missing (%)	0.0%
Missing (n)	0

Toggle details

Common values	Composition

Value	Count	Frequency (%)
DND	702	39.8%
PHAC	222	12.6%
HC	216	12.2%

Value	Count	Frequency (%)
CSC	202	11.4%
GAC	98	5.5%
CBSA	52	2.9%
PCO	31	1.8%
OSFI	29	1.6%
CEO	23	1.3%
FIN	20	1.1%
Other values (25)	171	9.7%

Estimated_Tra…	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown
Constant			

Exemption	**Distinct count**	2		0	1765
Boolean	**Unique (%)**	0.1%		1	1
	Missing (%)	0.0%			
	Missing (n)	0			

Toggle details

Exemptions_R…	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown
Constant			

Limited_Tende…	**Distinct count**	13	**Mean**	72.89694224
Numeric	**Unique (%)**	0.7%	**Minimum**	5
	Missing (%)	0.0%	**Maximum**	90
	Missing (n)	0	**Zeros (%)**	0.0%

Infinite (%)	0.0%	
Infinite (n)	0	

Toggle details

Statistics	Histogram	Common values	Extreme values

Value	Count	Frequency (%)
71	657	37.2%
85	653	37.0%
87	198	11.2%
5	119	6.7%
74	67	3.8%
20	27	1.5%
86	15	0.8%
81	14	0.8%
72	7	0.4%
23	3	0.2%
Other values (3)	6	0.3%
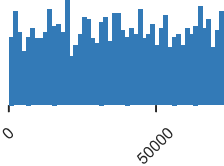
Limited_Tende… Constant	*This variable is constant and should be ignored for analysis*	**Constant value**	Unknown

Original_Value Numeric	**Distinct count**	1636	**Mean**	249837.9707
	Unique (%)	92.6%	**Minimum**	18994.55
	Missing (%)	0.0%	**Maximum**	32147588.64
	Missing (n)	0	**Zeros (%)**	0.0%
	Infinite (%)	0.0%		
	Infinite (n)	0		

Toggle details

Statistics	Histogram	Common values	Extreme values

Quantile statistics

Minimum	18994.55
5-th percentile	19806.1325
Q1	22936.6125
Median	25040
Q3	91941.8
95-th percentile	752125.7375
Maximum	32147588.64
Range	32128594.09
Interquartile range	69005.1875

Descriptive statistics

Standard deviation	1407037.583
Coef of variation	5.631800398
Kurtosis	240.1786956
Mean	249837.9707
MAD	351465.9187
Skewness	13.9561985
Sum	441213856.2
Variance	1.979754759e+12
Memory size	13.9 KiB

Thresholds_R…
Constant

This variable is constant and should be ignored for analysis

Constant value   Unknown

Trade_Agree…
Categorical

Distinct count	2
Unique (%)	0.1%
Missing (%)	0.0%
Missing (n)	0

0	1765
CFTA	1

Toggle details

Unnamed_0
Numeric

Distinct count	1766
Unique (%)	100.0%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0

Mean	36782.14779
Minimum	71
Maximum	73093
Zeros (%)	0.0%

Toggle details

Year
Categorical

Distinct count	3	2017	800
		2018	774
Unique (%)	0.2%	2019 192	
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
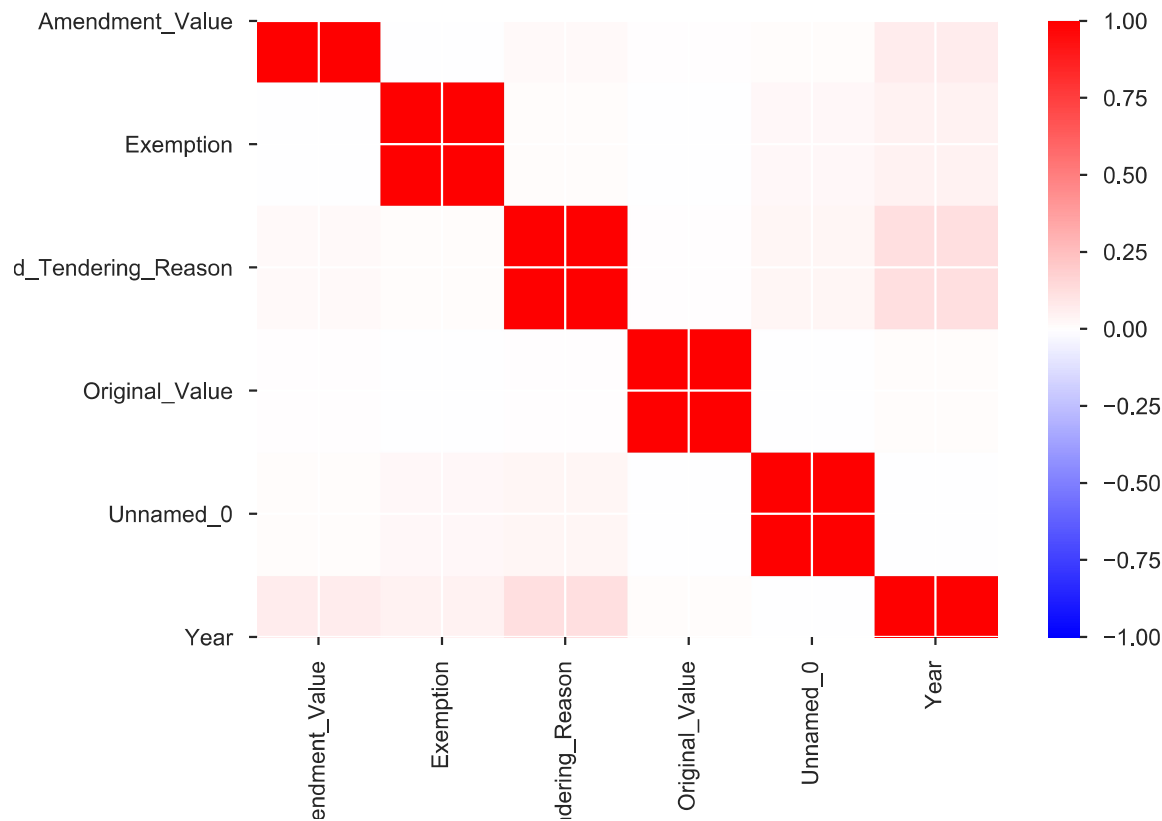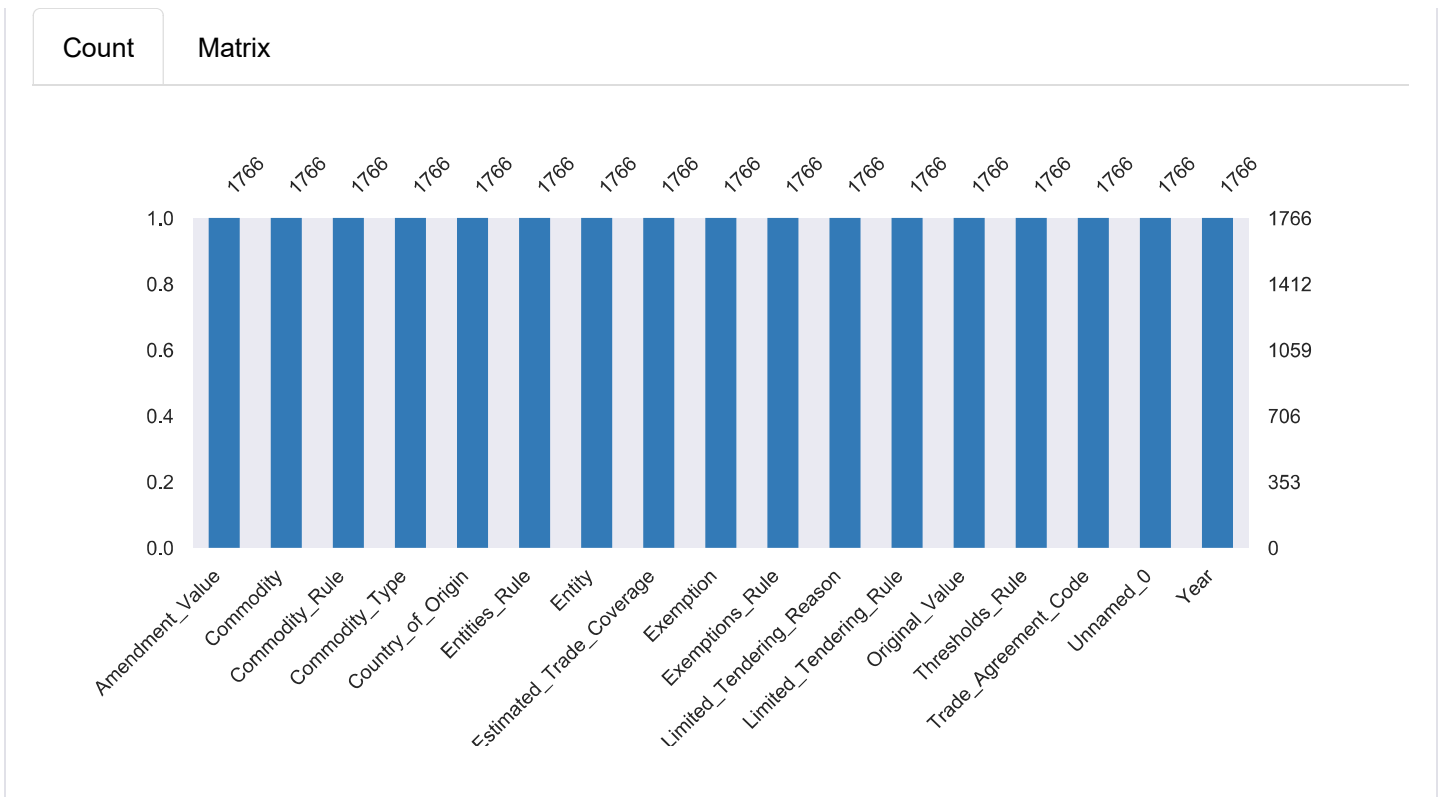
Sample

First rows

	Amendment_Value	Commodity	Commodity_Rule	Con
0	0.0	Office Furniture	Unknown	Goo
1	0.0	Laboratory Equipment and Supplies	Unknown	Goo
2	0.0	Drugs and Biologicals	Unknown	Goo
3	0.0	Chemicals	Unknown	Goo
4	0.0	Laboratory Equipment and Supplies	Unknown	Goo
5	0.0	ADP Software Maintenance - Other than Microcomputer	Unknown	Serv
6	0.0	ADP Software Maintenance - Other than Microcomputer	Unknown	Serv
7	0.0	Office Furniture	Unknown	Goo

	Amendment_Value	Commodity	Commodity_Rule	Con
8	0.0	Laboratory Equipment and Supplies	Unknown	Goo
9	0.0	ADP Software	Unknown	Goo

Last rows

	Amendment_Value	Commodity	Commodity_Rule
1756	0.0	Office Furniture	Unknown
1757	0.0	Laboratory Equipment and Supplies	Unknown
1758	0.0	Office Supplies	Unknown
1759	0.0	Office Furniture	Unknown
1760	0.0	ADP Software	Unknown
1761	0.0	Laboratory Equipment and Supplies	Unknown
1762	0.0	Laboratory Equipment and Supplies	Unknown
1763	0.0	Medical and Surgical Instruments, Equipment and Supplies	Unknown
1764	0.0	Liquid Propellants and Fuels, Petroleum Base	Unknown
1765	0.0	Informatics Professional Services	Unknown

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