

Overview

Dataset info

Number of variables	16
Number of observations	1412
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	176.6 KiB
Average record size in memory	128.1 B

Variables types

Numeric	4
Categorical	9
Boolean	2
Date	0
URL	0
Text (Unique)	0
Rejected	1
Unsupported	0

Warnings

Amendment_Value is highly skewed ($\gamma_1 = 22.97762471$)

Amendment_Value has 814 (57.6%) zeros

Commodity has a high cardinality: 232 distinct values

Estimated_Trade_Coverage has constant value "No"

Limited_Tendering_Reason has 1183 (83.8%) zeros

Original_Value has 77 (5.5%) zeros

Skewed

Zeros

Warning

Rejected

Zeros

Zeros

Variables

Amendment_... Numeric	Distinct count	573	Mean	243950.8926
	Unique (%)	40.6%	Minimum	-3000000
	Missing (%)	0.0%	Maximum	88491325.04
	Missing (n)	0	Zeros (%)	57.6%

Infinite (%) 0.0%

Infinite (n) 0

[Toggle details](#)

Statistics

Histogram

Common values

Extreme values

Quantile statistics

Minimum	-3000000
5-th percentile	0
Q1	0
Median	0
Q3	30866.01
95-th percentile	528335.2225
Maximum	88491325.04
Range	91491325.04
Interquartile range	30866.01

Descriptive statistics

Standard deviation	2999427.593
Coef of variation	12.29521057
Kurtosis	600.4222127
Mean	243950.8926
MAD	422158.1491
Skewness	22.97762471
Sum	344458660.4
Variance	8.996565884e+12
Memory size	11.2 KiB

Commodity

Categorical

Distinct count	232
Unique (%)	16.4%
Missing (%)	0.0%
Missing (n)	0

[Toggle details](#)

Common values

Composition

Value	Count	Frequency (%)
Budget Control Systems	120	8.5%
Services of Individuals - Except Con...	111	7.9%
Buoys - Repair	57	4.0%
Commercial Security Guard and Rel...	54	3.8%
General Office Help	52	3.7%
Information Products	51	3.6%
Language Training Services	49	3.5%
Harassment (Investigative Services)	47	3.3%

Value		Count	Frequency (%)	
Pilot Training Services, Aircraft		38	2.7%	
Product/Material - Design, Developm...		35	2.5%	
Other values (222)		798	56.5%	

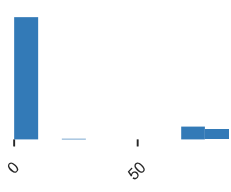
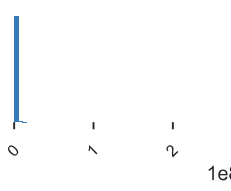
Commodity_R... Boolean	Distinct count	2	No 1335	
	Unique (%)	0.1%	Yes 77	
	Missing (%)	0.0%		
	Missing (n)	0		
	Toggle details			

Commodity_T... Categorical	Distinct count	2	Services	1377
	Unique (%)	0.1%	Goods	35
	Missing (%)	0.0%		
	Missing (n)	0		
	Toggle details			

Country_of_O... Categorical	Distinct count	17	CA	1328
	Unique (%)	1.2%	US	46
	Missing (%)	0.0%	HT	7
	Missing (n)	0	Other values (14)	31
	Toggle details			

Entities_Rule Boolean	Distinct count	2	Yes	1318
	Unique (%)	0.1%	No	94
	Missing (%)	0.0%		
	Missing (n)	0		
	Toggle details			

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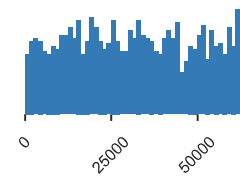
Exemptions_R...	Distinct count	2		Yes	1407	
Categorical	Unique (%)	0.1%		Unknown	5	
	Missing (%)	0.0%				
	Missing (n)	0				
Limited_Tende...	Distinct count	9	Mean	12.26133144		
Numeric	Unique (%)	0.6%	Minimum	0		
	Missing (%)	0.0%	Maximum	87		
	Missing (n)	0	Zeros (%)	83.8%		
	Infinite (%)	0.0%				
	Infinite (n)	0				
						Toggle details
Limited_Tende...	Distinct count	2		Yes	1183	
Categorical	Unique (%)	0.1%		Unknown	229	
	Missing (%)	0.0%				
	Missing (n)	0				
						Toggle details
Original_Value	Distinct count	1059	Mean	1307923.646		
Numeric	Unique (%)	75.0%	Minimum	0		
	Missing (%)	0.0%	Maximum	270659325		
	Missing (n)	0	Zeros (%)	5.5%		
	Infinite (%)	0.0%				
	Infinite (n)	0				
						Toggle details
thresholds	Distinct count	3		No	874	
Categorical	Unique (%)	0.2%		Yes	350	
	Missing (%)	0.0%		Unknown	188	
	Missing (n)	0				
						Toggle details

Unnamed_0

Numeric

Distinct count	1412
Unique (%)	100.0%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0

Mean	31212.34844
Minimum	9
Maximum	62237
Zeros (%)	0.0%

[Toggle details](#)

Year

Categorical

Distinct count	3
Unique (%)	0.2%
Missing (%)	0.0%
Missing (n)	0

2018	732
2017	478
2019	202

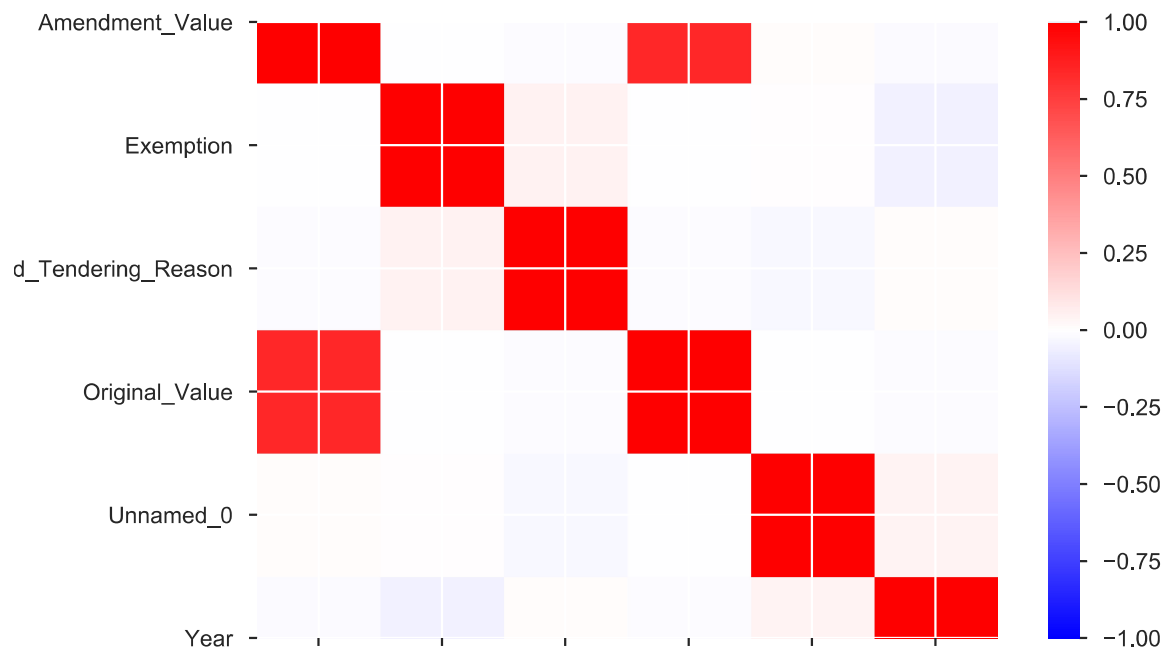
[Toggle details](#)

Correlations

Pearson's r

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

Recoded

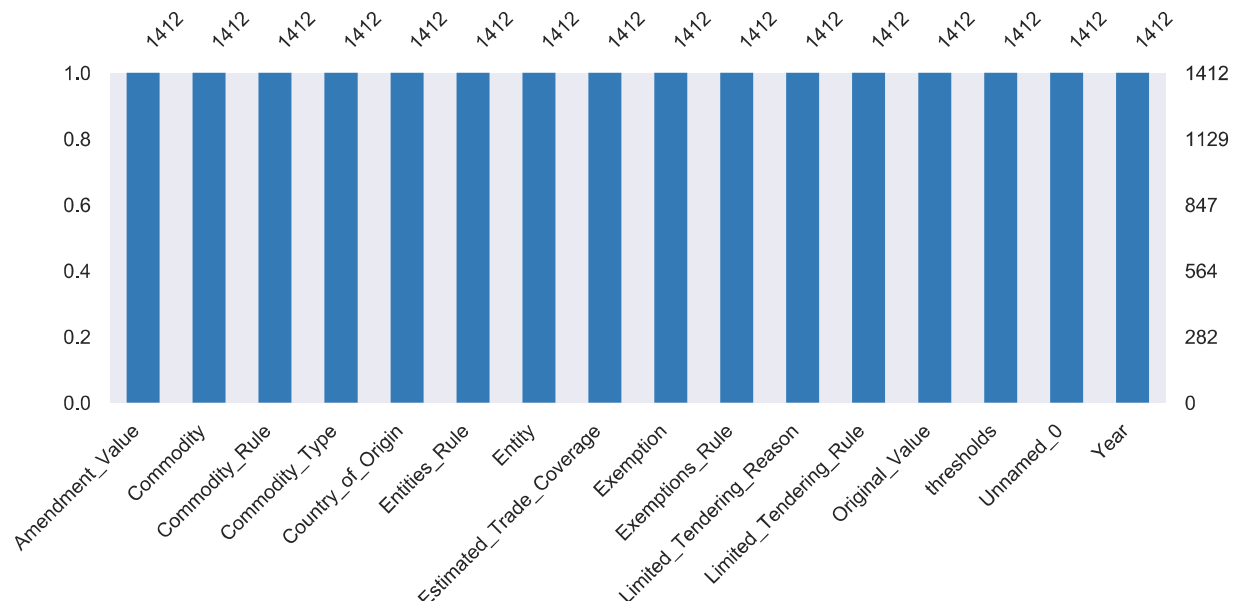


Amendment_Value
Commodity
Commodity_Rule
Commodity_Type
Country_of_Origin
Entities_Rule
Entity
Estimated_Trade_Coverage
Exemption
Exemptions_Rule
Limited_Tendering_Reason
Limited_Tendering_Rule
Original_Value
thresholds
Unnamed_0
Year

Missing values

Count

Matrix



Sample

First rows

	Amendment_Value	Commodity
0	0.00	Budget Control Systems
1	253.43	Language Training Services

	Amendment_Value	Commodity
2	1935.69	Telephone Services / Contact Centre Services
3	0.00	Product/Material - Design, Development, Formulation, Modification: Science and Tec
4	0.00	Miscellaneous Aircraft Accessories and Components (Military) - Repair and Overha
5	0.00	Wind Energy Systems (R&D)
6	0.00	Commercial Security Guard and Related Services
7	94415.00	Grounds Maintenance
8	0.00	Vehicular Components, Miscellaneous - Repair
9	0.00	Internet Communication Services

Last rows

	Amendment_Value	Commodity
1402	0.00	Product/Material - Design, Development, Formulation, Modification: Science and
1403	0.00	TRUCKS AND TRUCK TRACTORS, WHEELED - RENTAL
1404	13888.00	Language Training Services
1405	151782.92	Commercial Security Guard and Related Services
1406	0.00	Professional Services / Financial Analysis
1407	466.00	Harassment (Investigative Services)
1408	27437.15	Information Products
1409	24521.00	Snow Removal and Salt Service
1410	0.00	General Office Help
1411	0.00	Information Retrieval Services, Database

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