

Overview

Dataset info

Number of variables	16
Number of observations	42376
Missing cells	0 (0.0%)
Duplicate rows	0 (0.0%)
Total size in memory	5.2 MiB
Average record size in memory	128.0 B

Variables types

Numeric	5
Categorical	6
Boolean	0
Date	0
URL	0
Text (Unique)	0
Rejected	5
Unsupported	0

Warnings

Amendment_Value is highly skewed ($\gamma_1 = 163.7277974$)

Amendment_Value has 37710 (89.0%) zeros

Commodity has a high cardinality: 1216 distinct values

Commodity_Rule has constant value "Unknown"

Country_of_Origin has a high cardinality: 123 distinct values

Entities_Rule has constant value "Unknown"

Estimated_Trade_Coverage has constant value "Unknown"

Exemption is highly skewed ($\gamma_1 = 87.79880239$)

Exemption has 42366 (> 99.9%) zeros

Exemptions_Rule has constant value "Unknown"

Limited_Tendering_Reason has 36072 (85.1%) zeros

Limited_Tendering_Rule has constant value "Unknown"

Original_Value is highly skewed ($\gamma_1 = 141.4572555$)

Skewed

Zeros

Warning

Rejected

Warning

Rejected

Rejected

Skewed

Zeros

Rejected

Zeros

Rejected

Skewed

Variables

Amendment_... Numeric	Distinct count	4173	Mean	22314.93199
	Unique (%)	9.8%	Minimum	-16522116
	Missing (%)	0.0%	Maximum	348650569
	Missing (n)	0	Zeros (%)	89.0%
	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	15371.115
Maximum	348650569
Range	365172685
Interquartile range	0

Descriptive statistics

Standard deviation	1865745.781
Coef of variation	83.60974534
Kurtosis	29370.77383
Mean	22314.93199
MAD	45769.12198
Skewness	163.7277974
Sum	945617558.2
Variance	3.48100732e+12
Memory size	331.2 KiB

Commodity
Categorical

Distinct count	1216
Unique (%)	2.9%
Missing (%)	0.0%
Missing (n)	0

[Toggle details](#)

Common values

Composition

Value	Count	Frequency (%)
Liquid Propellants and Fuels, Petrole...	4042	9.5%
Middle Distillate Fuels	1497	3.5%
Drugs and Biologicals	1427	3.4%
Structural Steel Work	1234	2.9%

Value	Count	Frequency (%)
Office Furniture	1155	2.7%
Laboratory Equipment and Supplies	1022	2.4%
Passenger Motor Vehicles	934	2.2%
ADP Software	896	2.1%
Building/Installation Special Trade S...	805	1.9%
General Office Help	669	1.6%
Other values (1206)	28695	67.7%

Commodity_R...
Constant

*This variable is constant
and should be ignored
for analysis*

Constant value

Unknown

Commodity_T...
Categorical

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

Goods 23572
Services 13922
Construction 4882

[Toggle details](#)

Country_of_O...
Categorical

**Distinct
count** 123
Unique (%) 0.3%
Missing (%) 0.0%
Missing (n) 0

CA 38838
US 1348
GB 329
Other values (120) 1861

[Toggle details](#)

Entities_Rule
Constant

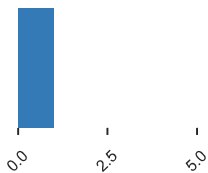
*This variable is constant
and should be ignored
for analysis*

Constant value

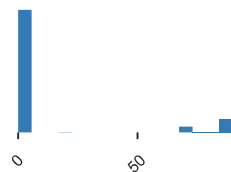
Unknown

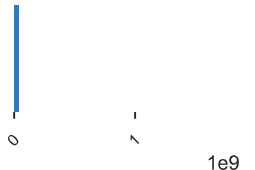
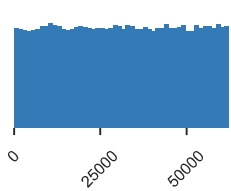
Entity Categorical	Distinct count	46	DND 25402	
	Unique (%)	0.1%	CSC	6241
	Missing (%)	0.0%	DFO	2720
	Missing (n)	0	Other values (43)	8013
	Toggle details			

Estimated_Tra... Constant	This variable is constant and should be ignored for analysis		Constant value	Unknown
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Exemption Numeric	Distinct count	6	Mean	0.0007315461	
	Unique (%)	< 0.1%	Minimum	0	
	Missing (%)	0.0%	Maximum	6	
	Missing (n)	0	Zeros (%)	> 99.9%	
	Infinite (%)	0.0%			
	Infinite (n)	0			
	Toggle details				

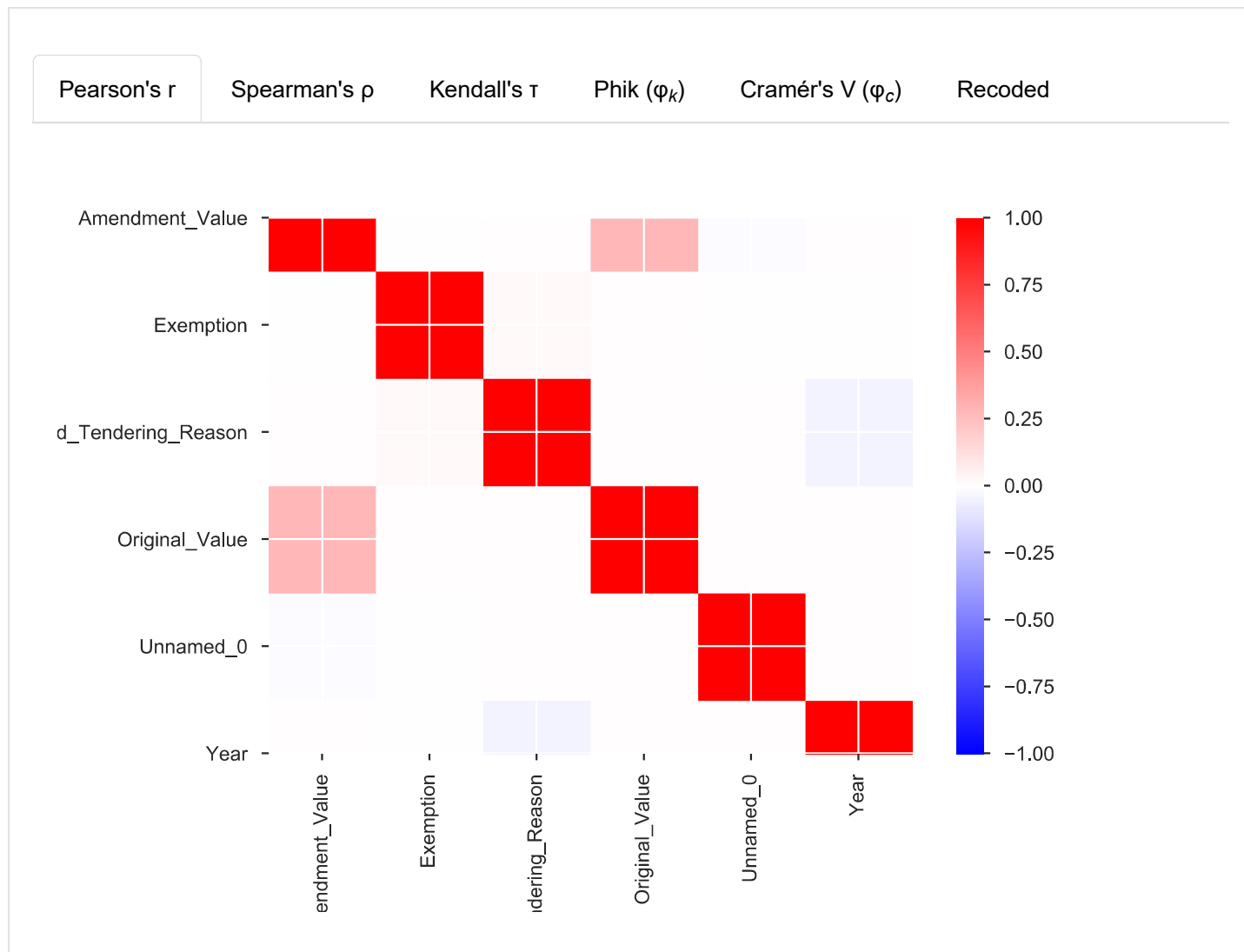
Exemptions_R... Constant	This variable is constant and should be ignored for analysis		Constant value	Unknown
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Limited_Tende... Numeric	Distinct count	16	Mean	11.52112045	
	Unique (%)	< 0.1%	Minimum	0	
	Missing (%)	0.0%	Maximum	90	
	Missing (n)	0	Zeros (%)	85.1%	
	Infinite (%)	0.0%			
	Infinite (n)	0			
	Toggle details				

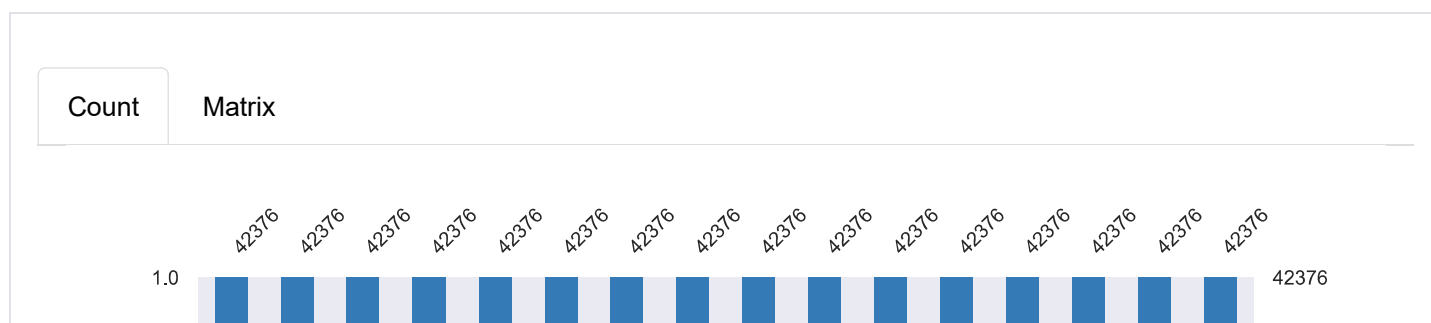
Limited_Tende... Constant	This variable is constant and should be ignored for analysis		Constant value	Unknown	
Original_Value Numeric	Distinct count	33563	Mean	202264.0136	
	Unique (%)	79.2%	Minimum	0	
	Missing (%)	0.0%	Maximum	1772776794	
	Missing (n)	0	Zeros (%)	0.1%	
	Infinite (%)	0.0%			
	Infinite (n)	0			
					Toggle details
thresholds Categorical	Distinct count	3		Yes 24408 Unknown 17967 No 1	
	Unique (%)	< 0.1%			
	Missing (%)	0.0%			
	Missing (n)	0			Toggle details
Unnamed_0 Numeric	Distinct count	42376	Mean	31174.20096	
	Unique (%)	100.0%	Minimum	0	
	Missing (%)	0.0%	Maximum	62237	
	Missing (n)	0	Zeros (%)	< 0.1%	
	Infinite (%)	0.0%			
	Infinite (n)	0			
					Toggle details
Year Categorical	Distinct count	3		2018 22310 2017 14792 2019 5274	
	Unique (%)	< 0.1%			
	Missing (%)	0.0%			
	Missing (n)	0			

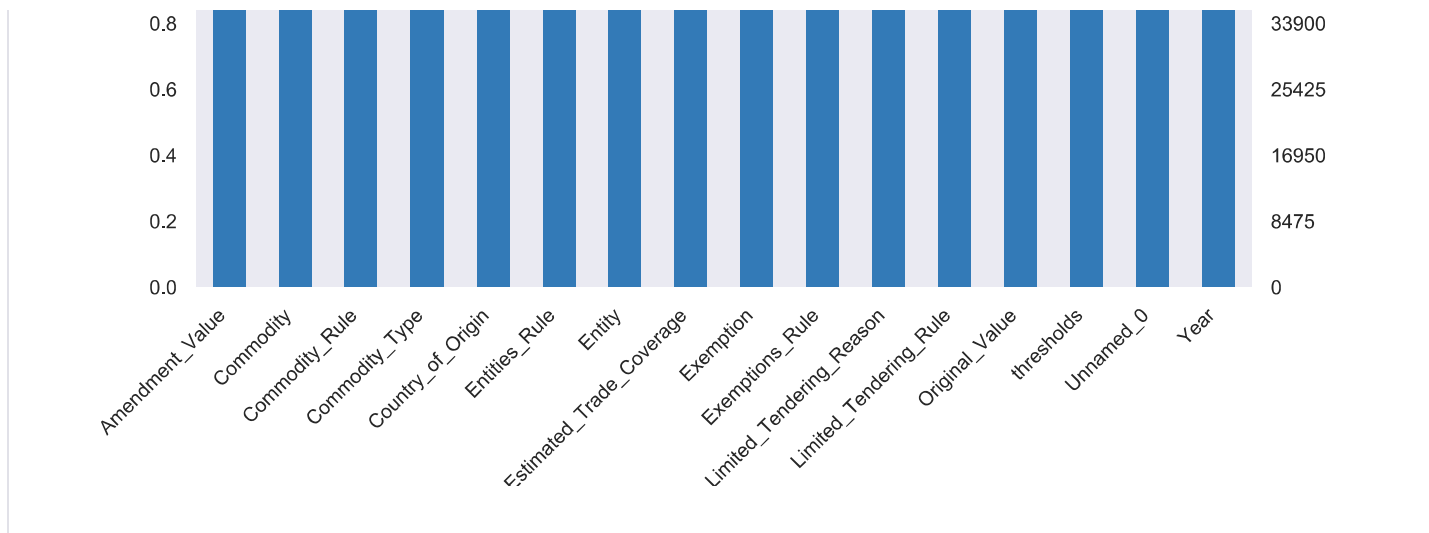
[Toggle details](#)

Correlations



Missing values





Sample

First rows

	Amendment_Value	Commodity
0	0.00	Human Resources Support Services (HRSS): Organization and Classification, Staffi
1	0.00	Middle Distillate Fuels
2	0.00	Hazardous Chemicals Removal
3	0.00	Laboratory Equipment and Supplies
4	0.00	Laboratory Equipment and Supplies
5	0.00	Drums and Cans
6	0.00	Laboratory Equipment and Supplies
7	320678.63	Office Devices and Accessories
8	0.00	Passenger Motor Vehicles
9	26515.00	Miscellaneous Communications Services

Last rows

	Amendment_Value	Commodity
42366	0.00	Property and Facilities Management - Buildings
42367	0.00	Human Resources Support Services (HRSS): Organization and Classification,
42368	0.00	Construction Services, Not Elsewhere Specified
42369	0.00	Building/Installation Special Trade Services, Not Elsewhere Specified
42370	0.00	Printing, Duplicating and Bookbinding Equipment
42371	0.00	Airborne Combat Support Training - Fighter and Trainer Aircraft only
42372	0.00	Passenger Motor Vehicles
42373	-1417.85	ADP Software
42374	0.00	Drugs and Biologicals
42375	0.00	Waste Recycling Services

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