

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

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

Toggle details

Common values

Composition

Value	Count	Frequency (%)
Liquid Propellants and Fuels, Petroleum...	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%
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...	Distinct count	3	Unknown	44533
Categorical			Yes	16371
	Unique (%)	< 0.1%	No	1335
	Missing (%)	0.0%		
	Missing (n)	0		
				Toggle details
Commodity_T...	Distinct count	3	Services	29964
Categorical			Goods	26770
	Unique (%)	< 0.1%	Construction	5505
	Missing (%)	0.0%		
	Missing (n)	0		
				Toggle details
Country_of_O...	Distinct count	137	CA	57454
Categorical			US	1849
	Unique (%)	0.2%	GB	413
	Missing (%)	0.0%	Other values (134)	2523
	Missing (n)	0		
				Toggle details
Entities_Rule	Distinct count	3	Unknown	52917
Categorical			Yes	9228
	Unique (%)	< 0.1%	No	94
	Missing (%)	0.0%		
	Missing (n)	0		
				Toggle details
Entity	Distinct count	63		
Categorical				
	Unique (%)	0.1%		
	Missing (%)	0.0%		
	Missing (n)	0		
				Toggle details
<div>Common values</div> <div>Composition</div>				

Value		Count	Frequency (%)
DND		32368	52.0%
CSC		10167	16.3%
DFO		3818	6.1%
CBSA		2023	3.3%
GAC		1948	3.1%
CRA		1580	2.5%
HC		1401	2.3%
PHAC		1001	1.6%
ESDC		579	0.9%
VAC		544	0.9%
Other values (53)		6810	10.9%

Estimated_Tra...

Categorical

Distinct count

3

Unique (%)

< 0.1%

Missing (%)

0.0%

Missing (n)

0

Yes

54621

No

5638

Unknown

1980

Toggle details

<div>Exemption</div> <div>Numeric</div>	Distinct count	6	Mean	0.0025707353	
	Unique (%)	< 0.1%	Minimum	0	
	Missing (%)	0.0%	Maximum	6	
	Missing (n)	0	Zeros (%)	99.9%	
	Infinite (%)	0.0%			
	Infinite (n)	0			

Toggle details

10/30/2019, 2:28 PM

Q1	15451.485	Coef of variation	36.12007123
Median	26266	Kurtosis	12162.61784
Q3	76979.33	Mean	347253.1686
95-th percentile	557736.925	MAD	545430.4892
Maximum	1772776794	Skewness	102.7278833
Range	1772776794	Sum	2.161268996e+10
Interquartile range	61527.845	Variance	1.573220623e+14
		Memory size	486.4 KiB

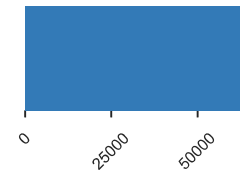
thresholds
Categorical

Distinct count	3	Yes	34703
		Unknown	22436
Unique (%)	< 0.1%	No	5100
Missing (%)	0.0%		
Missing (n)	0		

[Toggle details](#)

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		



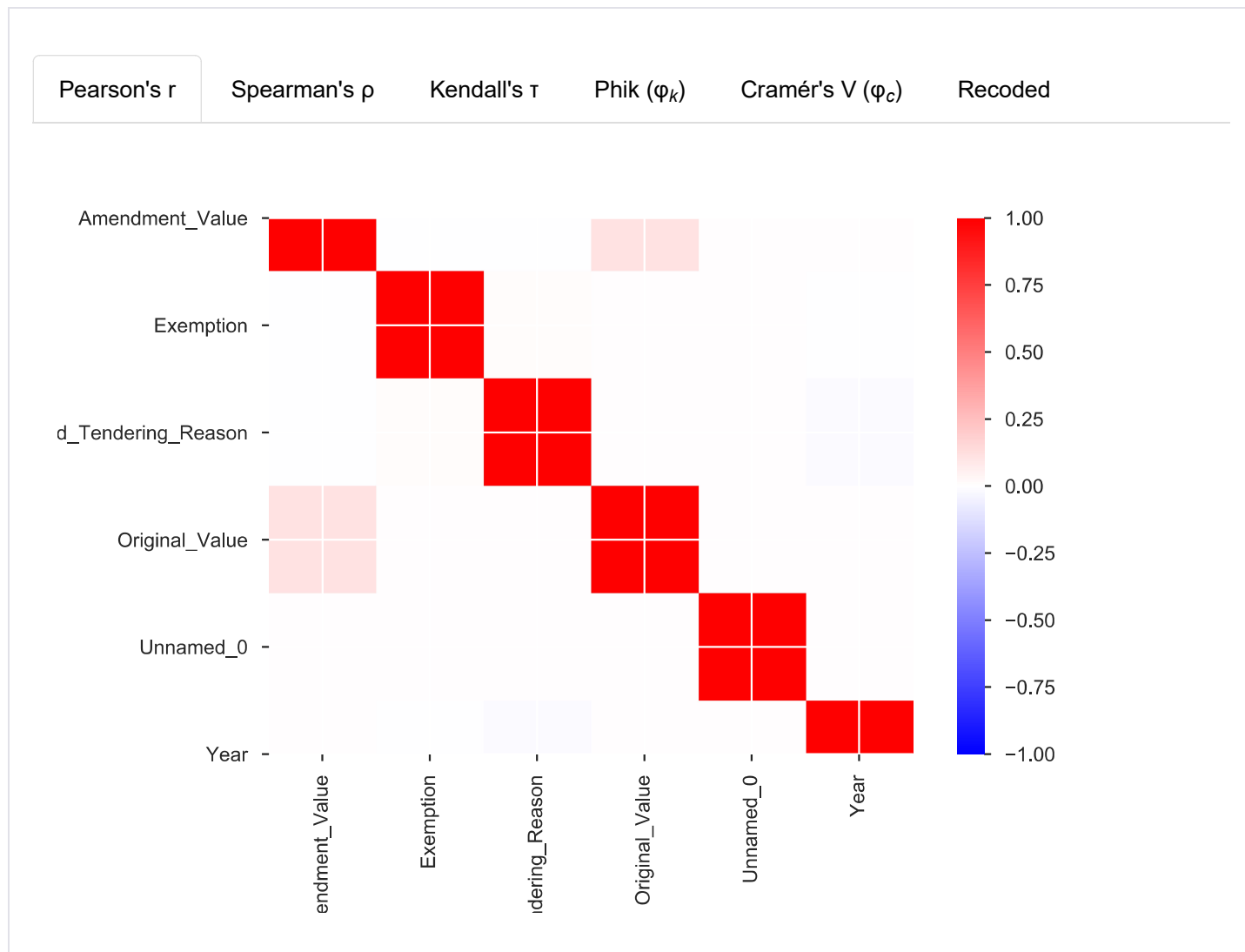
[Toggle details](#)

Year
Categorical

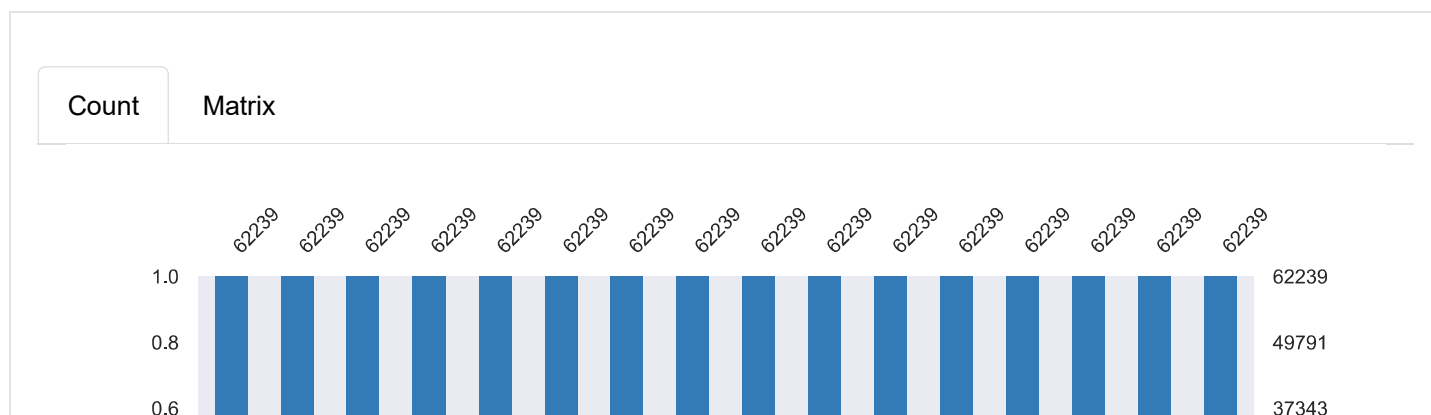
Distinct count	3	2018	32681
		2017	21907
Unique (%)	< 0.1%	2019	7651
Missing (%)	0.0%		
Missing (n)	0		

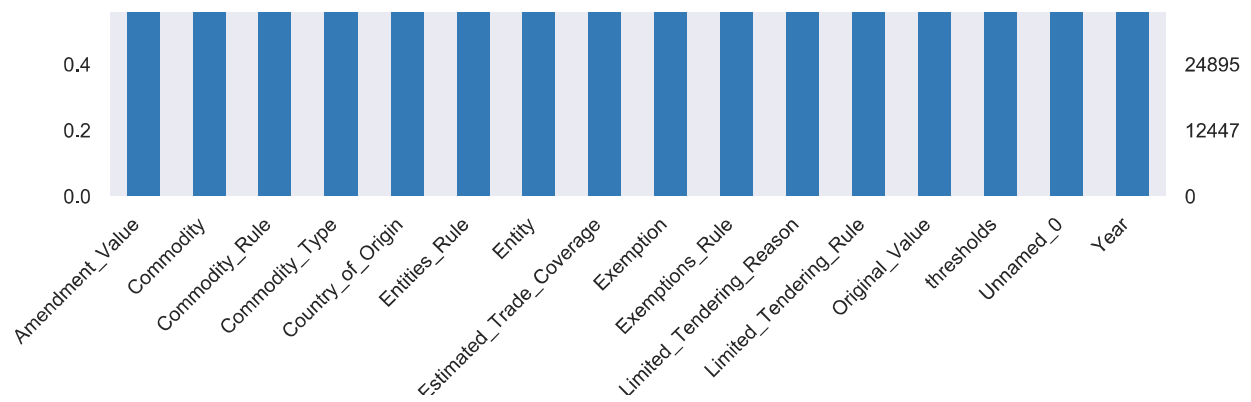
[Toggle details](#)

Correlations



Missing values





Sample

First rows

	Amendment_Value	Commodity	Comm
0	1281.42	PRINTING, DUPLICATING AND BOOKBINDING EQUIPMENT, LEASING	Unknov
1	0.00	Middle Distillate Fuels	Unknov
2	0.00	Miscellaneous Items	Unknov
3	0.00	Mechanical Contractor Services, Not Elsewhere Specified	Unknov
4	0.00	ADP Central Processing Unit (CPU, Computer) Hybrid	Unknov
5	0.00	Office Furniture	Unknov
6	349007.88	Medical Advisory Services	Yes
7	0.00	Laboratory Equipment and Supplies	Unknov
8	0.00	Business Services	Unknov
9	0.00	Miscellaneous Aircraft Accessories and Components	Unknov

Last rows

	Amendment_Value	Commodity	Commodity_Rule
62229	0.00	Drugs and Biologicals	Unknown
62230	-12515.03	Services of Individuals - Except Consultants	Unknown
62231	0.00	Information Retrieval Services, Database	Yes
62232	0.00	ADP Software Maintenance - Other than Microcomputer	Unknown
62233	0.00	Other Installation Work	Unknown
62234	-17269.79	General Office Help	Unknown
62235	0.00	Informatics Professional Services	Unknown
62236	0.00	Consulting Services	Unknown
62237	0.00	Water Transportation	Yes
62238	0.00	Floor Polishers and Vacuum Cleaning Equipment - Repair	Unknown

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