Overview

Dataset info

Number of variables	47
Number of observations	7755
Total Missing (%)	25.5%
Total size in memory	2.1 MiB
Average record size in memory	288.0 B

Variables types

Numeric	9
Categorical	22
Boolean	5
Date	0
Text (Unique)	0
Rejected	11
Unsupported	0

Warnings

`ACKED_BY` has 737 / 9.5% missing values `Missing`

`ACK_STATUS` is highly correlated with `ALARM_STATUS` (ρ = 0.9387) `Rejected`

`ACK_TIME` has 735 / 9.5% missing values `Missing`

`ACK_TIME` has a high cardinality: 4898 distinct values `Warning`

`ADAPTATION_ID` has 7662 / 98.8% missing values `Missing`

`ADAPTATION_RELEASE` has 7662 / 98.8% missing values `Missing`

`ADDITIONAL_TEXT5` has 7694 / 99.2% missing values `Missing`

`ADDITIONAL_TEXT6` has 7755 / 100.0% missing values `Missing`

`ADDITIONAL_TEXT6` has constant value `Rejected`

`ADDITIONAL_TEXT7` has 7755 / 100.0% missing values `Missing`

`ADDITIONAL_TEXT7` has constant value `Rejected`

`AGENT_ID` has a high cardinality: 205 distinct values `Warning`

`AGENT_ID_TYPE` has constant value 2 `Rejected`

`ALARM_COUNT` is highly skewed (γ_1 = 26.231) `Skewed`

`ALARM_TIME` has a high cardinality: 6667 distinct values `Warning`

`ALARM_UPLOAD_SYNC` has 970 / 12.5% missing values `Missing`

`CANCELLED_BY` has 3347 / 43.2% missing values `Missing`

`CANCEL_TIME` has 786 / 10.1% missing values `Missing`

`CANCEL_TIME` has a high cardinality: 6077 distinct values `Warning`

`CORRELATED_ALARM` has constant value 0 `Rejected`

`CORRELATING_ALARM` has constant value 0 `Rejected`

`CORRELATOR_CREATED` has constant value 0 `Rejected`

`DELETED_BY` has 7755 / 100.0% missing values `Missing`

`DELETED_BY` has constant value `Rejected`

`DIAGNOSTIC_INFO` has 6805 / 87.7% missing values `Missing`

`DN` has a high cardinality: 257 distinct values `Warning`

`EVENT_TIME` has a high cardinality: 6693 distinct values `Warning`

`EXTRA_TEXT` has 6805 / 87.7% missing values `Missing`

`INSERT_TIME` has a high cardinality: 6667 distinct values `Warning`

`LIFTED_DN` has a high cardinality: 227 distinct values `Warning`

`NE_CONT_GID` is highly correlated with `NE_GID` (ρ = 0.93021) `Rejected`

`NOTES_INDICATOR` has 7755 / 100.0% missing values `Missing`

`NOTES_INDICATOR` has constant value `Rejected`

`NOTIFICATION_ID` has a high cardinality: 1642 distinct values `Warning`

`ORIGINAL_DN` has 4143 / 53.4% missing values `Missing`

`ORIGINAL_DN` has a high cardinality: 177 distinct values `Warning`

`PROBABLE_CAUSE` has 4141 / 53.4% zeros `Zeros`

`SUPPLEMENTARY_INFO` has 190 / 2.5% missing values `Missing`

`SUPPLEMENTARY_INFO` has a high cardinality: 1051 distinct values `Warning`
`TERMINATED_TIME` has a high cardinality: 4903 distinct values `Warning`
`TEXT` has a high cardinality: 661 distinct values `Warning`
`TROUBLE_TICKET_ID` has 7755 / 100.0% missing values `Missing`
`TROUBLE_TICKET_ID` has constant value `Rejected`
`UPDATE_TIMESTAMP` has a high cardinality: 7019 distinct values `Warning`
`USER_ADDITIONAL_INFO` has 6761 / 87.2% missing values `Missing`
`USER_ADDITIONAL_INFO` has a high cardinality: 292 distinct values `Warning`
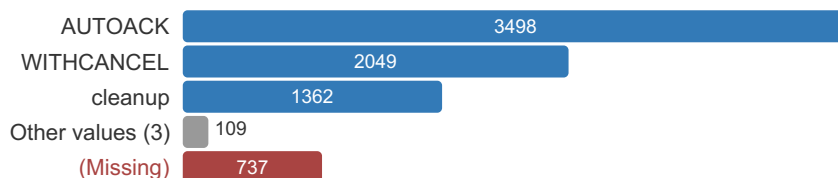
Variables

ACKED_BY
Categorical

Distinct count	7
Unique (%)	0.1%
Missing (%)	9.5%
Missing (n)	737

AUTOACK	3498
WITHCANCEL	2049
cleanup	1362
Other values (3)	109
(Missing)	737

Toggle details

ACK_STATUS
Highly correlated

This variable is highly correlated with `ALARM_STATUS` and should be ignored for analysis

Correlation	0.9387

ACK_TIME
Categorical

Distinct count	4898
Unique (%)	63.2%
Missing (%)	9.5%
Missing (n)	735

25-10-2017 07:49:14	67
08-01-2019 10:00:02	41
07-01-2019 00:00:01	37
Other values (4894)	6875
(Missing)	735

Toggle details

ADAPTATION_ID
Categorical

Distinct count	3
Unique (%)	0.0%

Missing (%)   98.8%
Missing (n)   7662

um_security_alarms | 47
core | 46
(Missing) | 7662

Toggle details

ADAPTATION_RELEASE
Boolean

Distinct count   2
Unique (%)   0.0%
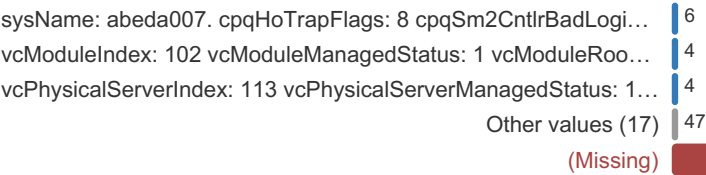**Missing (%)**   98.8%
Missing (n)   7662
Mean   1

1.0 | 93
(Missing) | 7662

Toggle details

ADDITIONAL_TEXT5
Categorical

Distinct count   21
Unique (%)   0.3%
Missing (%)   99.2%
Missing (n)   7694

sysName: abeda007. cpqHoTrapFlags: 8 cpqSm2CntlrBadLogi… | 6
vcModuleIndex: 102 vcModuleManagedStatus: 1 vcModuleRoo… | 4
vcPhysicalServerIndex: 113 vcPhysicalServerManagedStatus: 1… | 4
Other values (17) | 47
(Missing) | 7694

Toggle details

ADDITIONAL_TEXT6
Constant

This variable is constant and should be ignored for analysis

Constant value

ADDITIONAL_TEXT7
Constant

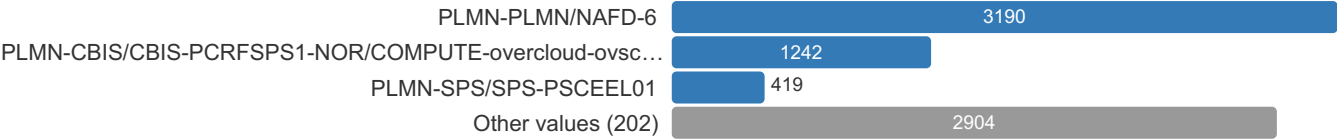*This variable is constant and should be ignored for analysis*

Constant value

AGENT_ID
Categorical

Distinct count   205
Unique (%)   2.6%

PLMN-PLMN/NAFD-6	3190
PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc…	1242
PLMN-SPS/SPS-PSCEEL01	419
Other values (202)	2904

Toggle details

AGENT_ID_TYPE
Constant

This variable is constant and should be ignored for analysis

Constant value   2

ALARM_COUNT
Numeric

Distinct count	104
Unique (%)	1.3%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	94.427
Minimum	1
Maximum	62355
Zeros (%)	0.0%

Toggle details

ALARM_NUMBER
Numeric

Distinct count	90
Unique (%)	1.2%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	4123000
Minimum	9047
Maximum	36069000
Zeros (%)	0.0%

1e7

Toggle details

ALARM_STATUS
Boolean

Distinct count	2

Unique (%)	0.0%
Missing (%)	0.0%
Missing (n)	0
Mean	0.10135

| 0 | 6969 |
| 1 | 786 |
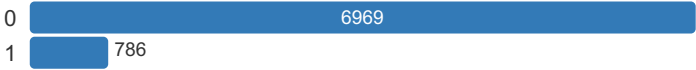
Toggle details

ALARM_TIME
Categorical

Distinct count	6667
Unique (%)	86.0%
Missing (%)	0.0%
Missing (n)	0

09-01-2019 08:31:18	13
03-06-2018 08:31:53	13
30-12-2018 08:19:05	10
Other values (6664)	7719

Toggle details

ALARM_TYPE
Numeric

Distinct count	7
Unique (%)	0.1%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	2.7358
Minimum	1
Maximum	9
Zeros (%)	0.0%
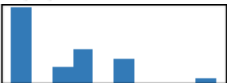
Toggle details

ALARM_UPLOAD_SYNC
Boolean

Distinct count	2
Unique (%)	0.0%
Missing (%)	12.5%
Missing (n)	970
Mean	0

| 0.0 | 6785 |
| (Missing) | 970 |

Toggle details

CANCELLED_BY
Categorical

Distinct count	7
Unique (%)	0.1%
Missing (%)	43.2%
Missing (n)	3347

system	4357
jweis3	26
omc	15
Other values (3)	10
(Missing)	3347
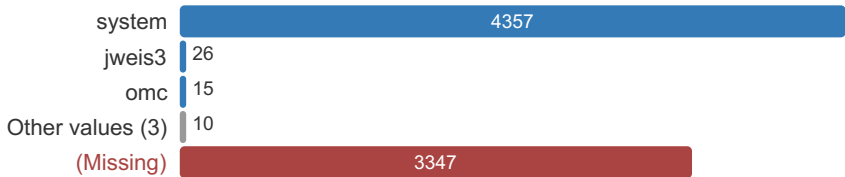
Toggle details

CANCEL_TIME
Categorical

Distinct count	6077
Unique (%)	78.4%
Missing (%)	10.1%
Missing (n)	786

04-01-2019 12:00:00	31
17-01-2019 20:00:00	30
10-01-2019 18:59:07	20
Other values (6073)	6888
(Missing)	786

Toggle details

CONSEC_NBR
Numeric

Distinct count	7755
Unique (%)	100.0%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	1931400
Minimum	1121916
Maximum	1938155
Zeros (%)	0.0%

Toggle details

CORRELATED_ALARM
Constant

This variable is constant and should be ignored for analysis

Constant value   0

CORRELATING_ALARM
Constant

This variable is constant and should be ignored for analysis

Constant value   0

CORRELATOR_CREATED
Constant

This variable is constant and should be ignored for analysis

Constant value   0

DELETED_BY
Constant

This variable is constant and should be ignored for analysis

Constant value

DIAGNOSTIC_INFO
Categorical

Distinct count	2
Unique (%)	0.0%
Missing (%)	87.7%
Missing (n)	6805

Acknowledgement Status: 2	950
(Missing)	6805

Toggle details

DN
Categorical

Distinct count	257
Unique (%)	3.3%
Missing (%)	0.0%
Missing (n)	0

PLMN-PLMN/NAFD-6	3191
PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc…	1242
PLMN-AAA/AAA-1/AAAOAM-1	350
Other values (254)	2972
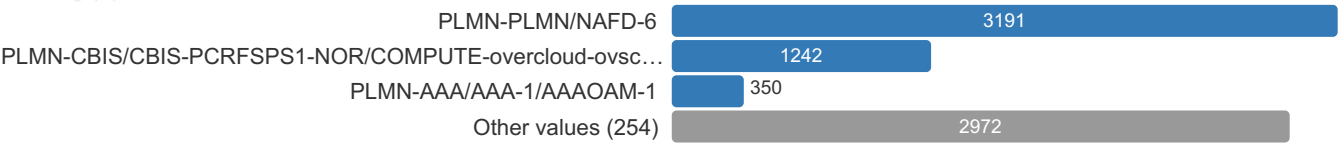
Toggle details

EVENT_TIME
Categorical

Distinct count	6693
Unique (%)	86.3%
Missing (%)	0.0%
Missing (n)	0

13-01-2019 08:18:33	21
17-01-2019 18:52:17	18
10-06-2018 07:07:16	14
Other values (6690)	7702

EXTRA_TEXT
Categorical

Distinct count	2
Unique (%)	0.0%
Missing (%)	87.7%
Missing (n)	6805

Auto Clear:	950
(Missing)	6805

FILTERED_FROM
Numeric

Distinct count	9
Unique (%)	0.1%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	9.2159e+18
Minimum	6917527923834486784
Maximum	9223372036854774787
Zeros (%)	0.0%
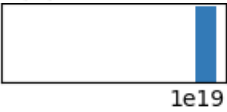
1e19

INSERT_TIME
Categorical

Distinct count	6667
Unique (%)	86.0%
Missing (%)	0.0%
Missing (n)	0

07-06-2018 05:54:44	18
07-06-2018 05:54:40	16
05-01-2019 22:33:05	16
Other values (6664)	7705

INTERNAL_ALARM
Boolean

Distinct count	2
Unique (%)	0.0%
Missing (%)	0.0%
Missing (n)	0
Mean	0.0059317

0	7709
1	46

LIFTED_DN
Categorical

Distinct count	227
Unique (%)	2.9%
Missing (%)	0.0%
Missing (n)	0

PLMN-PLMN/NAFD-6	3191
PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc…	1242
PLMN-SPS/SPS-PSCEEL01	419
Other values (224)	2903
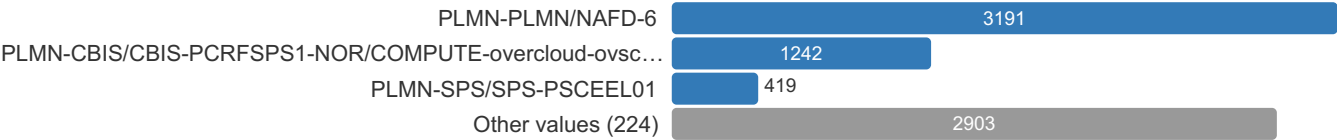
NE_CONT_GID
Highly correlated

This variable is highly correlated with `NE_GID` and should be ignored for analysis

Correlation	0.93021

NE_GID
Numeric

Distinct count	228
Unique (%)	2.9%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	135290
Minimum	100051
Maximum	148508
Zeros (%)	0.0%

NOTES_INDICATOR
Constant

This variable is constant and should be ignored for analysis

Constant value

NOTIFICATION_ID
Categorical

Distinct count	1642
Unique (%)	21.2%
Missing (%)	0.0%
Missing (n)	0

12345	3185
1024964	1220

0	584
Other values (1639)	2766
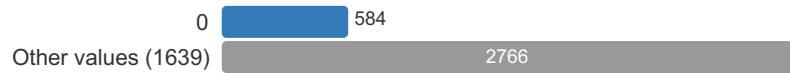
Toggle details

OC_ID
Categorical

Distinct count	28
Unique (%)	0.4%
Missing (%)	0.0%
Missing (n)	0

NAFD:NAFD	3190
SERVER:SERVER	1683
SPS:SPS	835
Other values (25)	2047
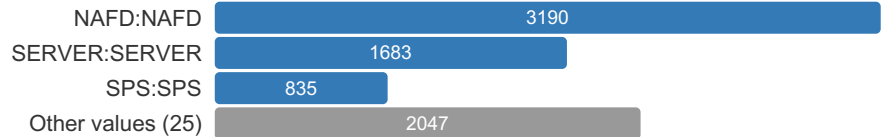
Toggle details

ORIGINAL_DN
Categorical

Distinct count	177
Unique (%)	2.3%
Missing (%)	53.4%
Missing (n)	4143

PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc…	1242
PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc…	325
PLMN-SPS/SPS-PSCENC02/PLTFM-1/HOST-pscenc02	313
Other values (173)	1732
(Missing)	4143
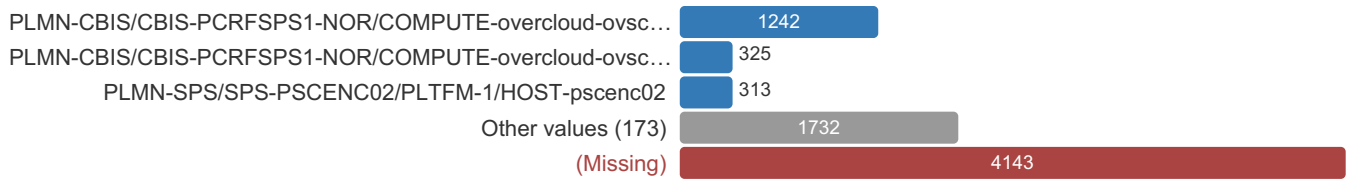
Toggle details

ORIGINAL_SEVERITY
Numeric

Distinct count	5
Unique (%)	0.1%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	97.089
Minimum	1
Maximum	99
Zeros (%)	0.0%

Toggle details

PIPE_KEY
Boolean

Distinct count	2	
Unique (%)	0.0%	
Missing (%)	0.0%	
Missing (n)	0	
Mean	0.59923	

1 ▏ 4647
0 ▏ 3108
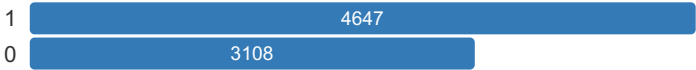
Toggle details

PROBABLE_CAUSE
Numeric

Distinct count	20
Unique (%)	0.3%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	227.15
Minimum	0
Maximum	1014
Zeros (%)	53.4%

Toggle details

SEVERITY
Numeric

Distinct count	4
Unique (%)	0.1%
Missing (%)	0.0%
Missing (n)	0
Infinite (%)	0.0%
Infinite (n)	0
Mean	2.8914
Minimum	1
Maximum	4
Zeros (%)	0.0%
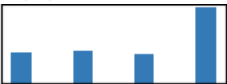
Toggle details

SUPPLEMENTARY_INFO
Categorical

Distinct count	1051
Unique (%)	13.6%
Missing (%)	2.5%
Missing (n)	190

Outbound trap reliability SNMP GET operation failure, ErrorMes… ▏ 3185
Sensor Name: P3V_BAT ▏ 1220
▏ 415

Other values (1047)   2745

TERMINATED_TIME
Categorical

Distinct count	4903
Unique (%)	63.2%
Missing (%)	0.0%
Missing (n)	0

31-12-9999 23:59:59	803
08-01-2019 10:00:02	41
07-01-2019 00:00:01	37
Other values (4900)	6874

TEXT
Categorical

Distinct count	661
Unique (%)	8.5%
Missing (%)	0.0%
Missing (n)	0

TRAP(S) MAY BE LOST	3185
[P3V_BAT]: LOWER CRITICAL - GOING LOW (READING:1.972…	1192
SNMP AGENT NOT RESPONDING	429
Other values (658)	2949
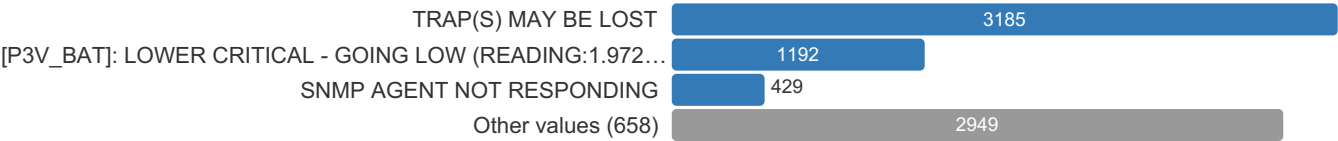
TROUBLE_TICKET_ID
Constant

This variable is constant and should be ignored for analysis

Constant value

UPDATE_TIMESTAMP
Categorical

Distinct count	7019
Unique (%)	90.5%
Missing (%)	0.0%
Missing (n)	0

06/01/19 04:37:49.748000	6
05/01/19 22:34:07.845000	5
09/01/19 21:05:23.445000	5
Other values (7016)	7739

USER_ADDITIONAL_INFO
Categorical

Distinct count	292
Unique (%)	3.8%
Missing (%)	87.2%
Missing (n)	6761

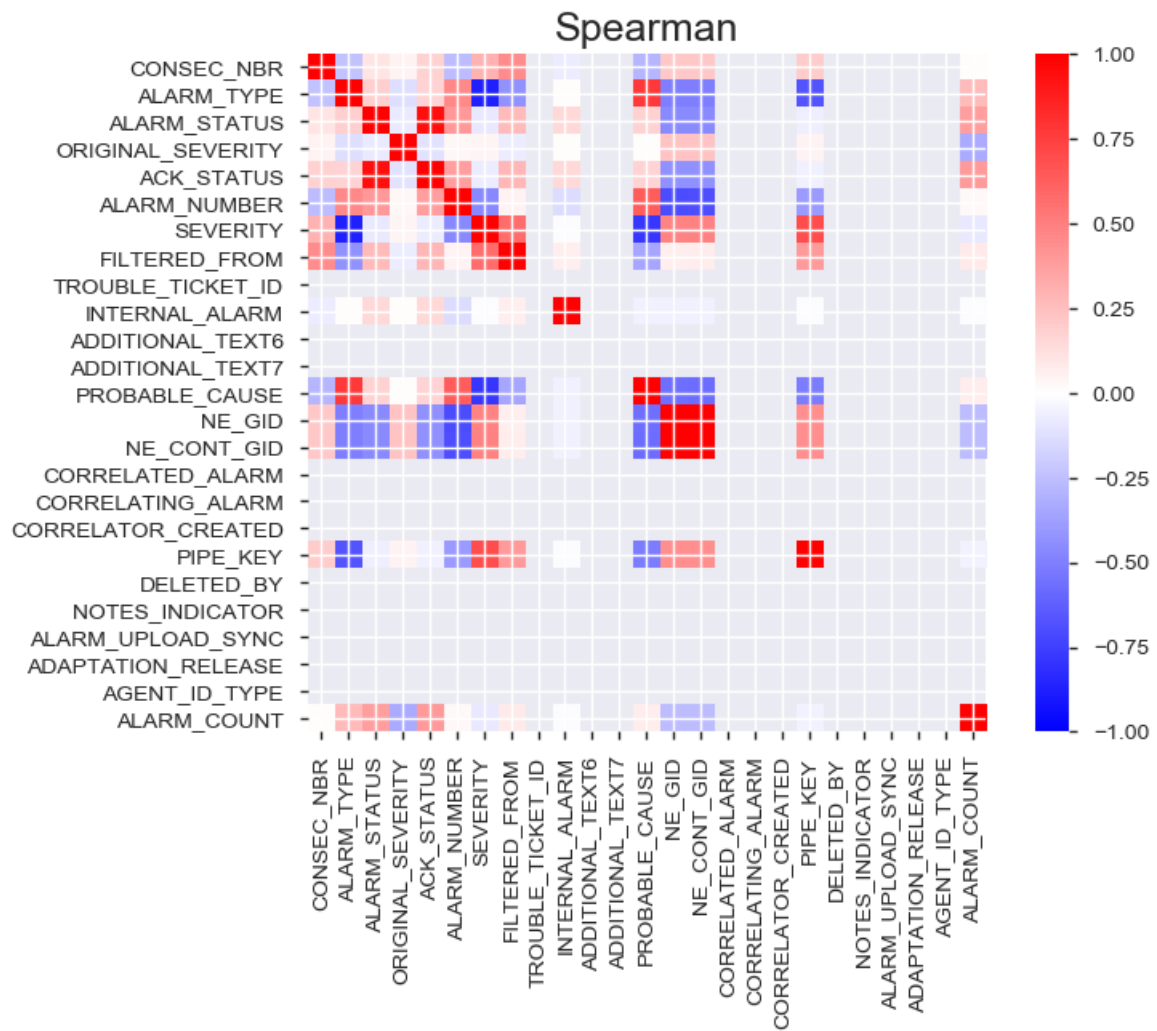|	
psceel01#Diameter peer connection event detected.	49
pscenc02#Diameter peer connection event detected.	47
psceel01+pscenc02#SPS unreachable over Diameter	27
Other values (288)	871
(Missing)	6761

Toggle details

Correlations

Pearson

Spearman
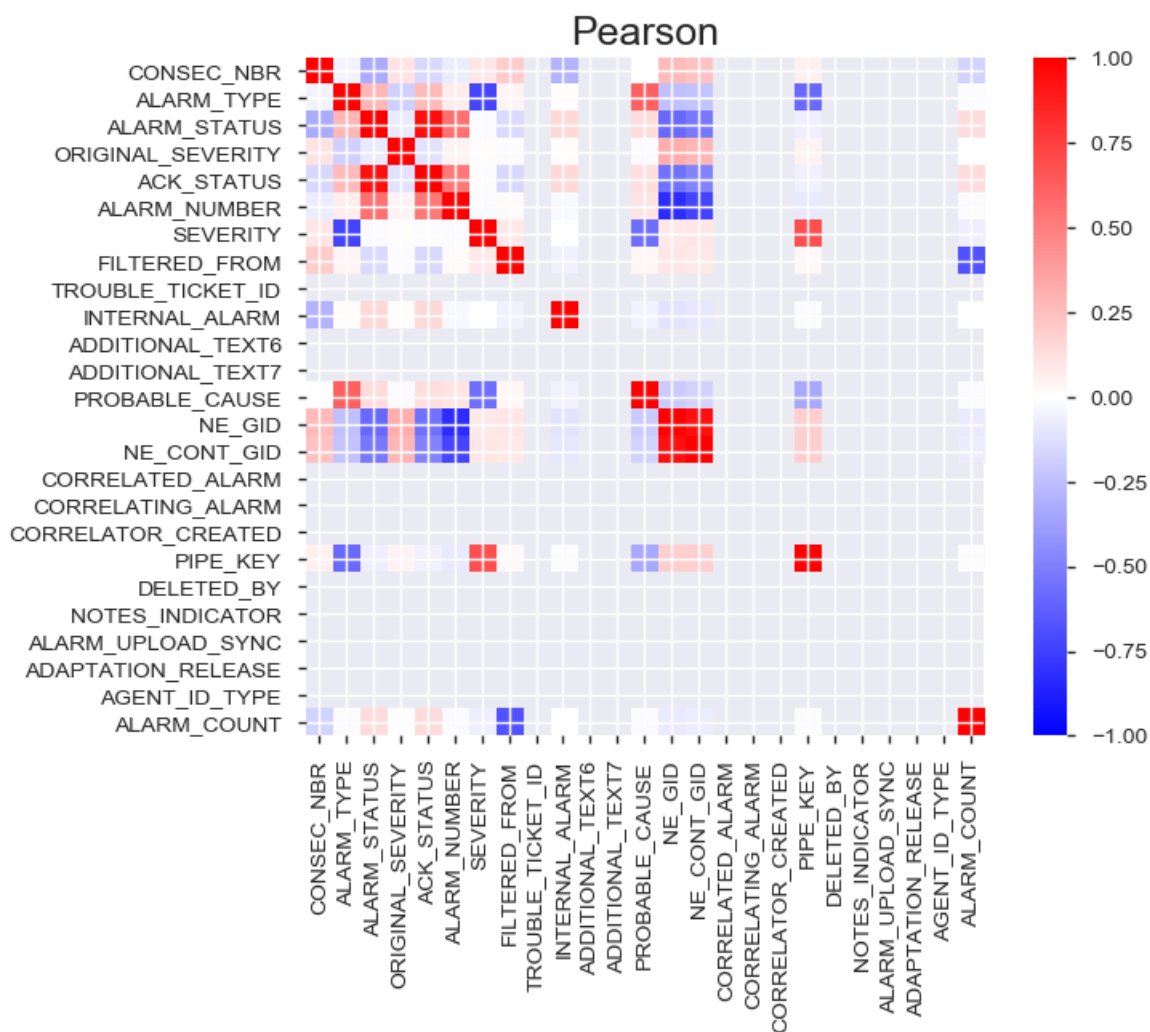
Sample

	CONSEC_NBR	DN	ALARM_TYPE	ALARM_STATUS	ORIGI
0	1930888	PLMN-CBAM/CBAM-PCRFSPS1-DAL	4	0	99
1	1931124	PLMN-AAA/HPHW-ELGIN-1/RACK-RR_160.09_11/ENCLOS...	4	0	99
2	1931209	PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-...	1	0	99
3	1930898	PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-...	1	0	99
4	1930907	PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-...	1	0	99