Overview

```
Dataset info
  Number of variables
                                    48
  Number of observations
                                    4432
  Total Missing (%)
                                    25.0%
  Total size in memory
                                    1.3 MiB
  Average record size in memory
                                    296.0 B
Variables types
  Numeric
  Categorical
                   19
  Boolean
  Date
 Text (Unique)
  Rejected
                   20
  Unsupported
Warnings
ACK STATUS is highly correlated with ALARM STATUS (p = 1) Rejected
ACK_TIME has a high cardinality: 3276 distinct values Warning
ADAPTATION ID has 4431 / 100.0% missing values Missing
ADAPTATION_RELEASE has 4431 / 100.0% missing values Missing
ADDITIONAL TEXT5 has 4432 / 100.0% missing values Missing
ADDITIONAL TEXT5 has constant value Rejected
ADDITIONAL TEXT6 has 4432 / 100.0% missing values Missing
ADDITIONAL TEXT6 has constant value Rejected
ADDITIONAL TEXT7 has 4432 / 100.0% missing values Missing
ADDITIONAL_TEXT7 has constant value Rejected
AGENT ID TYPE has constant value 2 Rejected
ALARM COUNT is highly skewed (y1 = 37.292) Skewed
ALARM NUMBER is highly correlated with ALARM TYPE (p = 0.98633) Rejected
ALARM TIME has a high cardinality: 4428 distinct values Warning
CANCELLED BY has 1221 / 27.5% missing values Missing
CANCEL TIME has a high cardinality: 4422 distinct values Warning
CONSEC_NBR is highly correlated with index (\rho = 0.96022) Rejected
CORRELATED ALARM has constant value 0 Rejected
CORRELATING ALARM has constant value 0 Rejected
CORRELATOR CREATED has constant value 0 Rejected
DELETED BY has 4432 / 100.0% missing values Missing
DELETED BY has constant value Rejected
DIAGNOSTIC INFO has 4432 / 100.0% missing values Missing
DIAGNOSTIC INFO has constant value Rejected
EVENT TIME has a high cardinality: 4428 distinct values Warning
EXTRA TEXT has 4432 / 100.0% missing values Missing
EXTRA_TEXT has constant value Rejected
INSERT_TIME has a high cardinality: 4428 distinct values Warning
NE CONT GID is highly correlated with NE GID (\rho = 1) Rejected
NE_GID is highly correlated with SEVERITY (\rho = 0.98594) Rejected
NOTES INDICATOR has 4432 / 100.0% missing values Missing
NOTES INDICATOR has constant value Rejected
ORIGINAL DN has 3189 / 72.0% missing values Missing
ORIGINAL SEVERITY has constant value 99 Rejected
PIPE_KEY is highly correlated with NE_CONT_GID (\rho = 0.9972) Rejected
PROBABLE CAUSE is highly correlated with ALARM NUMBER (ρ = 0.98769) Rejected
TERMINATED TIME has a high cardinality: 3276 distinct values Warning
TROUBLE TICKET ID has 4432 / 100.0% missing values Missing
```

TROUBLE_TICKET_ID has constant value Rejected

UPDATE_TIMESTAMP has a high cardinality: 3970 distinct values Warning

USER_ADDITIONAL_INFO has 4431 / 100.0% missing values Missing

Variables

ACKED_BY

Categorical

Distinct count 4
Unique (%) 0.1%
Missing (%) 0.1%
Missing (n) 3

AUTOACK 3207

cleanup 1220

WITHCANCEL 2

(Missing) 3

Toggle details

ACK STATUS

Highly correlated

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

Correlation

ACK_TIME

Categorical

 Distinct count
 3276

 Unique (%)
 73.9%

 Missing (%)
 0.1%

 Missing (n)
 3

09-01-2019 00:00:01 35 09-01-2019 16:00:01 34 09-01-2019 10:00:02 34

Other values (3272)

Toggle details

ADAPTATION_ID

Categorical

 Distinct count
 2

 Unique (%)
 0.0%

 Missing (%)
 100.0%

 Missing (n)
 4431

core 1 (Missing) 4431

Toggle details

ADAPTATION RELEASE

Boolean

Distinct count 2 Unique (%) 0.0% 100.0% Missing (%) 4431

Missing (n) Mean



Toggle details

ADDITIONAL_TEXT5

This variable is constant and should be ignored for analysis

Constant value

ADDITIONAL TEXTS

This variable is constant and should be ignored for analysis

Constant value

ADDITIONAL TEXT?

This variable is constant and should be ignored for analysis

Constant value

AGENT_ID

Categorical

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

PLMN-PLMN/NAFD-6

PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc...

Toggle details

AGENT ID TYPE

This variable is constant and should be ignored for analysis

Constant value

ALARM COUNT

Distinct count

Unique (%) 0.1% Missing (%) Missing (n) 0 Infinite (%) 0.0% Infinite (n) Mean 4.7333 Minimum Maximum 5410 Zeros (%)

Toggle details

ALARM_NUMBER

Highly correlated

This variable is highly correlated with ALARM TYPE and should be ignored for analysis

Correlation

ALARM STATUS

Boolean

2 **Distinct count** Unique (%) 0.0% Missing (%) Missing (n)

0.0006769 Mean

1 3

Toggle details

ALARM_TIME

Categorical

Distinct count 4428 Unique (%) 99.9% Missing (%) 0.0% Missing (n)

10-01-2019 22:07:16 2

09-01-2019 09:25:50 | 2

08-01-2019 11:34:16 2

Other values (4425)

Toggle details

ALARM_TYPE

Numeric

Distinct count Unique (%) 0.1% Missing (%) Missing (n) Infinite (%)

Infinite (n) 0
Mean 2.102
Minimum 1
Maximum 5
Zeros (%) 0.0%

Toggle details

ALARM_UPLOAD_SYNC

Boolean

 Distinct count
 2

 Unique (%)
 0.0%

 Missing (%)
 0.1%

 Missing (n)
 6

Mean 0

0.0 4426 (Missing) 6

Toggle details

CANCELLED_BY

Categorical

 Distinct count
 2

 Unique (%)
 0.0%

 Missing (%)
 27.5%

 Missing (n)
 1221

system 3211
(Missing) 1221

Toggle details

CANCEL_TIME

Categorical

 Distinct count
 4422

 Unique (%)
 99.8%

 Missing (%)
 0.1%

 Missing (n)
 3

07-01-2019 05:40:17 2 10-01-2019 22:00:00 2 05-01-2019 04:04:17 2

Other values (4418)
(Missing) 3

Toggle details

CONSEC_NBR

Highly correlated

This variable is highly correlated with <u>index</u> and should be ignored for analysis

Correlation 0.96022

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 (

DELETED_BY

Constant

This variable is constant and should be ignored for analysis

Constant value

DIAGNOSTIC INFO

Constan

This variable is constant and should be ignored for analysis

Constant value

DN

Categorical

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

PLMN-PLMN/NAFD-6

3190

 ${\tt PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc...}$

1242

Toggle details

EVENT TIME

Categorical

 Distinct count
 4428

 Unique (%)
 99.9%

 Missing (%)
 0.0%

 Missing (n)
 0

08-01-2019 11:34:16 2

10-01-2019 21:56:45 2

09-01-2019 09:25:50 2

Other values (4425)

4426

EXTRA_TEXT

Constant

This variable is constant and should be ignored for analysis

Constant value

FILTERED_FROM

Numeric

 Distinct count
 6

 Unique (%)
 0.1%

 Missing (%)
 0.0%

 Missing (n)
 0

 Infinite (%)
 0.0%

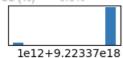
 Infinite (n)
 0

Mean 9.2234e+18

 Minimum
 9223370933048180736

 Maximum
 9223372036854774787

Zeros (%) 0.0%



Toggle details

INSERT_TIME

Categorical

 Distinct count
 4428

 Unique (%)
 99.9%

 Missing (%)
 0.0%

 Missing (n)
 0

06-01-2019 17:39:17 | 2 10-01-2019 22:07:17 | 2

27-12-2018 20:07:15 2

Other values (4425)

INTERNAL_ALARM

Boolean

 Distinct count
 2

 Unique (%)
 0.0%

 Missing (%)
 0.0%

 Missing (n)
 0

 Mean
 0.00022563



Toggle details

Toggle details

LIFTED DN

Categorical

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

PLMN-PLMN/NAFD-6

PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc...

1242

Toggle details

NE CONT GID

This variable is highly correlated with NE GID and should be ignored for analysis

Correlation

NE GID

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

Correlation

NOTES INDICATOR

This variable is constant and should be ignored for analysis

Constant value

NOTIFICATION ID

Categorical

Distinct count 16 Unique (%) 0.4% Missing (%) Missing (n) 0

> 12345 3185

1218 1024964

1001769 6

Other values (13) 23

Toggle details

OC_ID

Categorical

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

> NAFD:NAFD SERVER:SERVER

ORIGINAL DN

Categorical

 Distinct count
 3

 Unique (%)
 0.1%

 Missing (%)
 72.0%

 Missing (n)
 3189

PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud-ovsc...

PLMN-PLMN/NAFD-6 1

(Missing) 3189

Toggle details

ORIGINAL SEVERITY

Constan

This variable is constant and should be ignored for analysis

Constant value 99

PIPE KEY

Highly correlated

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

Correlation 0.9972

PROBABLE CAUSE

Highly correlated

This variable is highly correlated with ALARM NUMBER and should be ignored for analysis

Correlation 0.98769

SEVERITY

Numeric

Distinct count 4

Unique (%) 0.1% Missing (%) 0.0% Missing (n) 0

Infinite (%) 0.0

Infinite (n) 0 **Mean** 3.1719

Minimum 1 Maximum 4

Zeros (%) 0.0%

Toggle details

SUPPLEMENTARY INFO

Categorical

Distinct count 8

Unique (%) 0.2% Missing (%) 0 Missing (n) 3185 Outbound trap reliability SNMP GET operation failure, ErrorMes... Sensor Name: P3V_BAT Sensor Name: P0 VR Temp 18 Other values (5) 11 Toggle details TERMINATED_TIME Categorical **Distinct count** 3276 Unique (%) 73.9% Missing (%) Missing (n) 0 09-01-2019 00:00:01 35 09-01-2019 16:00:01 34 09-01-2019 10:00:02 34 Other values (3273) Toggle details **TEXT** Categorical **Distinct count** 18 0.4% Unique (%) Missing (%) Missing (n) 0 TRAP(S) MAY BE LOST [P3V_BAT]: LOWER CRITICAL - GOING LOW (READING:1.972... 1192 [P3V_BAT]: LOWER CRITICAL - GOING LOW (READING:1.943... 26 Other values (15) 29 Toggle details TROUBLE TICKET ID This variable is constant and should be ignored for analysis Constant value

UPDATE_TIMESTAMP

Categorical

 Distinct count
 3970

 Unique (%)
 89.6%

 Missing (%)
 0.0%

 Missing (n)
 0

10/01/19 04:00:02.666000 3

09/01/19 12:00:02.225000 3

08/01/19 04:00:02.214000 3

Other values (3967)

4423

USER_ADDITIONAL_INFO

Categorical

 Distinct count
 2

 Unique (%)
 0.0%

 Missing (%)
 100.0%

 Missing (n)
 4431



Toggle details

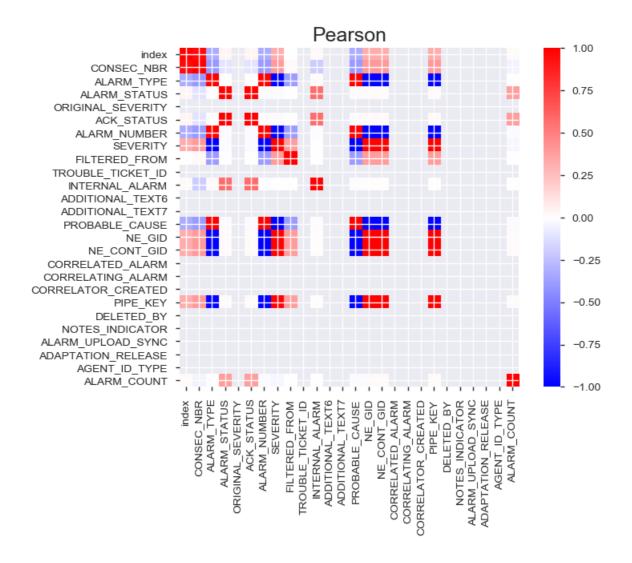
index

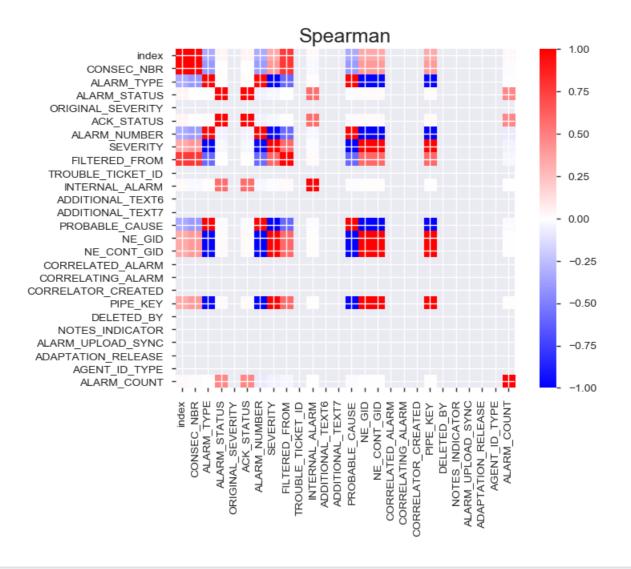
Numeric

Distinct count 4432 Unique (%) 100.0% Missing (%) Missing (n) 0 Infinite (%) 0.0% Infinite (n) Mean 3490.9 Minimum 2 Maximum 7129 Zeros (%)

Toggle details

Correlations





Sample

| | CONSEC_NBR | DN | ALARM_TYPE | ALARM_STATUS | ORIGIN |
|----------|------------|---|------------|--------------|--------|
| 2 | 1931209 | PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud | 1 | 0 | 99 |
| 5 | 1930779 | PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud | 5 | 0 | 99 |
| 6 | 1930815 | PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud | 5 | 0 | 99 |
| 7 | 1930701 | PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud | 5 | 0 | 99 |
| 8 | 1930693 | PLMN-CBIS/CBIS-PCRFSPS1-NOR/COMPUTE-overcloud | 5 | 0 | 99 |
| , | | | | | |