

filterFlows

Autogenerated data summary from dataMaid

2018-03-06 12:21:29

Part 1

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	183
Number of variables	4

Checks performed

The following variable checks were performed, depending on the data type of each variable:

	character	factor	labelled	numeric	integer	logical	Date
Identify miscoded missing values	×	×	×	×	×		×
Identify prefixed and suffixed whitespace	×	×	×				
Identify levels with < 6 obs.	×	×	×				
Identify case issues	×	×	×				
Identify misclassified numeric or integer variables	×	×	×				
Identify outliers				×	×		×

Please note that all numerical values in the following have been rounded to 2 decimals.

Part 2

Summary table

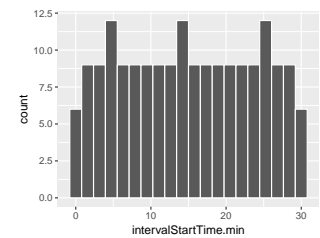
	Variable class	# unique values	Missing observations	Any problems?
intervalStartTime.min	numeric	61	0.00 %	
flowType	factor	3	0.00 %	
flowRate.l_min	numeric	32	0.00 %	×
date	Date	1	0.00 %	×

Part 3

Variable list

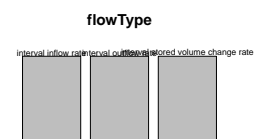
intervalStartTime.min

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	61
Median	15
1st and 3rd quartiles	7.5; 22.5
Min. and max.	0; 30
Mean	15



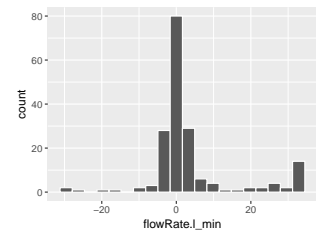
flowType

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	3
Mode	“interval inflow rate”



flowRate.l_min

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	32
Median	0
1st and 3rd quartiles	0; 1.7
Min. and max.	-28.9; 33.49
Mean	3.66



- Note that the following possible outlier values were detected: "-28.9", "-25.5", "-20.4", "-15.3", "-10.2", "-8.5", "-6.8", "-5.1", "-3.4", "-1.7".

date

- The variable only takes one (non-missing) value: "2018-02-20". The variable contains 0 % missing observations.

Report generation information:

- Created by Jan Knappe.
- Report creation time: Tue Mar 06 2018 12:21:29
- dataMaid v1.1.0 [Pkg: 2018-02-06 from CRAN (R 3.4.3)]
- R version 3.4.3 (2017-11-30).
- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 7 x64 (build 7601) Service Pack 1).
- Function call: `makeDataReport(data = filterFlows, replace = TRUE, summaries = setSummaries(numeric = defaultNumericSummaries(add = "meanSummary"), integer = defaultIntegerSummaries(add = "meanSummary"), logical = defaultLogicalSummaries(add = "meanSummary")), visuals = setVisuals(factor = "mosaicVisual", numeric = "prettierHist", integer = "prettierHist", Date = "prettierHist"))`