presidentData

Autogenerated data summary from dataMaid

2017-10-18 16:24:17

Part 1

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of rows	46
Number of variables	11

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 case issues	×	×	×				
Identify misclassified numeric or integer variables	×	×	×				
Identify levels with < 6 obs.		×	×				
Identify outliers				×	×		×

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

Part 2

Summary table

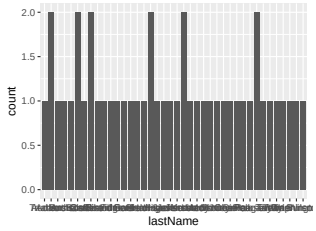
	Variable class	# unique values	Missing observations	Any problems?
lastName	Name	40	0.00 %	×
firstName	Name	31	0.00 %	×
orderOfPresidency	factor	46	0.00 %	×
birthday	Date	45	0.00 %	×
stateOfBirth	character	23	0.00 %	×
assassinationAttempt	numeric	3	2.17 %	
sex	factor	1	0.00 %	×
ethnicity	factor	2	0.00 %	×
precidencyYears	numeric	12	4.35 %	×
ageAtInauguration	character	24	2.17 %	×
favoriteNumber	complex	11	0.00 %	×

Part 3

Variable list

lastName

Feature	Result
Variable type	Name
Number of missing obs.	0 (0 %)
Number of unique values	40
Mode	“Adams”



- The following values appear with prefixed or suffixed white space: " Truman".

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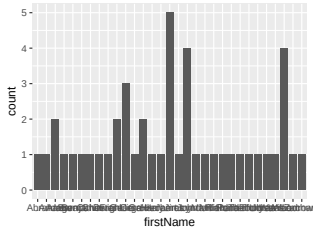
firstName

Feature	Result
Variable type	Name
Number of missing obs.	0 (0 %)
Number of unique values	31
Mode	“James”



- The following suspected missing value codes enter as regular values: ".".

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orderOfPresidency

- The variable is a key (distinct values for each observation).

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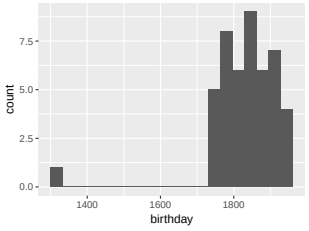
birthday

Feature	Result
Variable type	Date
Number of missing obs.	0 (0 %)
Number of unique values	45
Mode	“1837-03-18”
Min. and max.	1300-03-01; 1961-08-04
1st and 3rd quartiles	1790-03-29; 1890-10-14



- Note that the following possible outlier values were detected: "1300-03-01".

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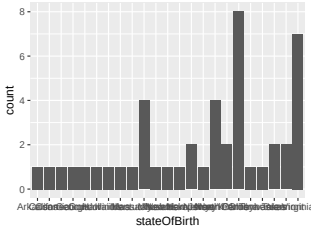
stateOfBirth

Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	23
Mode	“Ohio”



- Note that there might be case problems with the following levels: "New york", "New York".

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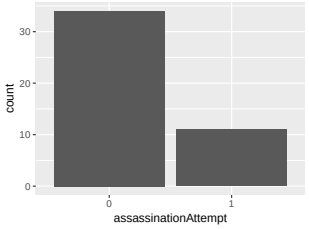
assassinationAttempt

- Note that this variable is treated as a factor variable below, as it only takes a few unique values.

Feature	Result
Variable type	numeric
Number of missing obs.	1 (2.17 %)
Number of unique values	2
Mode	“0”



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sex

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

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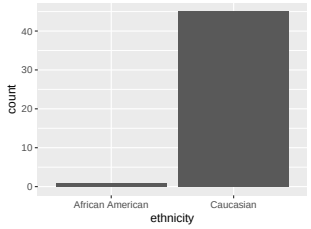
ethnicity

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	“Caucasian”



- Note that the following levels have at most five observations: "African American".

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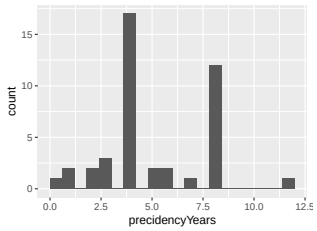
precidencyYears

Feature	Result
Variable type	numeric
Number of missing obs.	2 (4.35 %)
Number of unique values	11
Median	4
1st and 3rd quartiles	4; 8
Min. and max.	0; Inf



- The following suspected missing value codes enter as regular values: "Inf".
- Note that the following possible outlier values were detected: "0", "1", "2", "Inf".

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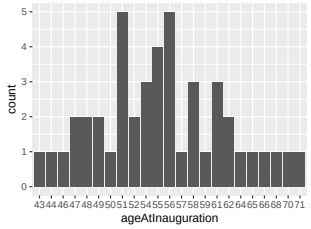
ageAtInauguration

Feature	Result
Variable type	character
Number of missing obs.	1 (2.17 %)
Number of unique values	23
Mode	“51”



- Note: The variable consists exclusively of numbers and takes a lot of different values. Is it perhaps a misclassified numeric variable?

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favoriteNumber

- The variable has class complex which is not supported by dataMaid.

Report generation information:

- Created by Anne Helby Petersen.
- Report creation time: on okt 18 2017 16:24:17
- dataMaid v0.9.7.9000 [Pkg: NA from local]
- R version 3.3.2 (2016-10-31).
- Platform: x86_64-w64-mingw32/x64 (64-bit)(Windows 7 x64 (build 7601) Service Pack 1).
- Function call: `makeDataReport(data = presidentData, replace = TRUE, checks = setChecks(character = defaultCharacterChecks(remove = "identifyLoners")), treatXasY = list(Name = "character"))`