

happy_total

Autogenerated data summary from dataMaid

2021-01-11 22:00:38

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	782
Number of variables	9

Checks performed

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

	character	factor	labelled	haven 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.

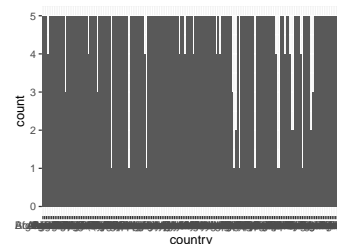
Summary table

	Variable class	# unique values	Missing observations	Any problems?
country	character	170	0.00 %	×
happiness_score	numeric	716	0.00 %	
happiness_rank	integer	158	0.00 %	
gdp_per_capita	numeric	742	0.00 %	×
freedom	numeric	697	0.00 %	
perception_of_government	character	643	0.00 %	×
generosity	numeric	664	0.00 %	×
life_expectancy	numeric	705	0.00 %	×
year	numeric	5	0.00 %	

Variable list

country

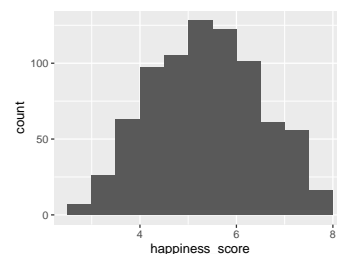
Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	170
Mode	"Afghanistan"



- Note that the following levels have at most five observations: "Afghanistan", "Albania", "Algeria", "Angola", "Argentina", "Armenia", "Australia", "Austria", "Azerbaijan", "Bahrain" (160 additional values omitted).
- Note that there might be case problems with the following levels: "Somaliland region", "Somaliland Region".

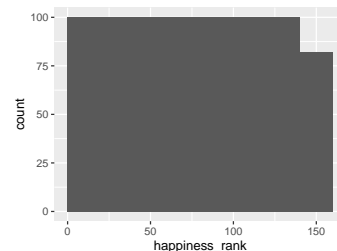
happiness_score

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	716
Median	5.32
1st and 3rd quartiles	4.51; 6.19
Min. and max.	2.69; 7.77



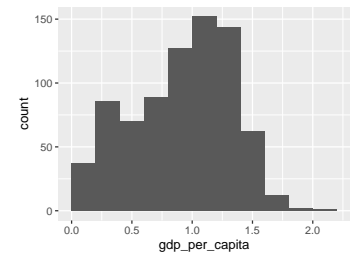
happiness_rank

Feature	Result
Variable type	integer
Number of missing obs.	0 (0 %)
Number of unique values	158
Median	79
1st and 3rd quartiles	40; 118
Min. and max.	1; 158



gdp_per_capita

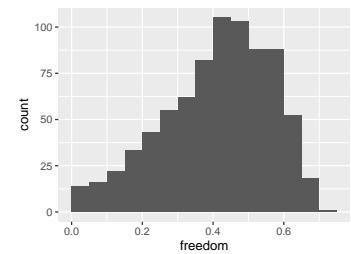
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	742
Median	0.98
1st and 3rd quartiles	0.61; 1.24
Min. and max.	0; 2.1



- Note that the following possible outlier values were detected: "1.68", "1.69", "1.69", "1.7", "1.74", "1.82", "1.87", "2.1".

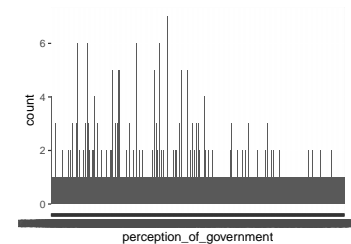
freedom

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	697
Median	0.43
1st and 3rd quartiles	0.31; 0.53
Min. and max.	0; 0.72



perception_of_government

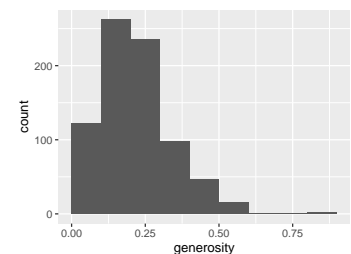
Feature	Result
Variable type	character
Number of missing obs.	0 (0 %)
Number of unique values	643
Mode	"0.082"



- Note that the following levels have at most five observations: "0", "0.000", "0.001", "0.00227", "0.00322", "0.004", "0.00438790069893003", "0.005", "0.006", "0.00615" (628 additional values omitted).

generosity

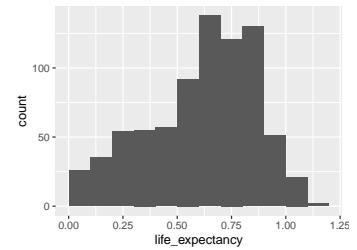
Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	664
Median	0.2
1st and 3rd quartiles	0.13; 0.28
Min. and max.	0; 0.84



- Note that the following possible outlier values were detected: "0.6", "0.61", "0.8", "0.82", "0.84".

life_expectancy

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	705
Median	0.65
1st and 3rd quartiles	0.44; 0.81
Min. and max.	0; 1.14

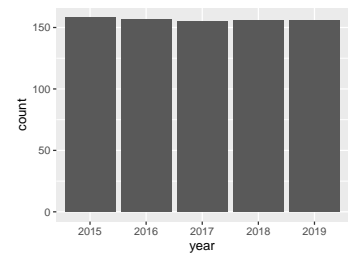


- Note that the following possible outlier values were detected: "1.12", "1.14".

year

- 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.	0 (0 %)
Number of unique values	5
Mode	"2015"
Reference category	2015



Report generation information:

- Created by: Dustin Burnham (username: **dusty**).
- Report creation time: Mon Jan 11 2021 22:00:38
- Report was run from directory: /Users/dusty/Desktop/UBC_2020/block_4/dsci_532/dash/eda/dustin/scripts
- dataMaid v1.4.0 [Pkg: 2019-12-10 from CRAN (R 4.0.2)]
- R version 4.0.2 (2020-06-22).
- Platform: x86_64-apple-darwin17.0 (64-bit)(macOS Catalina 10.15.6).
- Function call: `dataMaid::makeDataReport(data = happy_total, file = here::here("eda", "dustin", "profile_happy_full.Rmd"), replace = TRUE)`