Codebook for miniNHANES

Autogenerated data summary from dataMaid

2020-12-02 18:03:43

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	10000
Number of variables	18

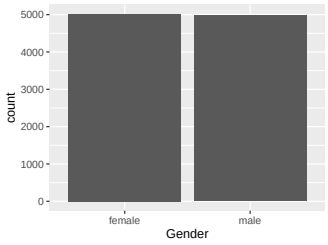
Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	Gender	factor	2	0.00 %	
	Age	integer	81	0.00 %	Age in years.
	Race1	factor	5	0.00 %	Race according the the selfclassification . . . . .
	Education	factor	6	27.79 %	Educational level, this data was extracted from the database XXX and etc etc
	MaritalStatus	factor	7	27.69 %	
	HHIncomeMid	integer	13	8.11 %	
	Weight	numeric	1291	0.78 %	
	Height	numeric	981	3.53 %	
	BMI	numeric	2074	3.66 %	
	BPSys1	integer	71	17.63 %	
	BPDia1	integer	52	17.63 %	
	DirectChol	numeric	107	15.26 %	
	TotChol	numeric	251	15.26 %	
	Diabetes	factor	3	1.42 %	
	SleepHrsNight	integer	12	22.45 %	
	PhysActiveDays	integer	8	53.37 %	
	SmokeNow	factor	3	67.89 %	
	HardDrugs	factor	3	42.35 %	

Variable list

Gender

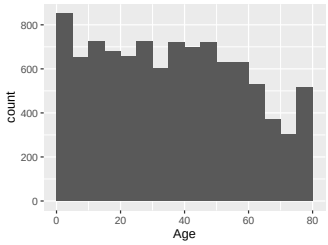
Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	“female”
Reference category	female



- Observed factor levels: "female", "male".

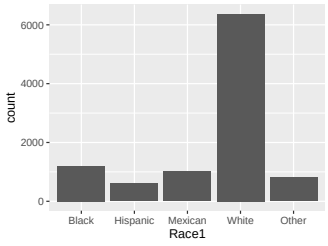
Age

Feature	Result
Variable type	integer
Number of missing obs.	0 (0 %)
Number of unique values	81
Median	36
1st and 3rd quartiles	17; 54
Min. and max.	0; 80



Race1

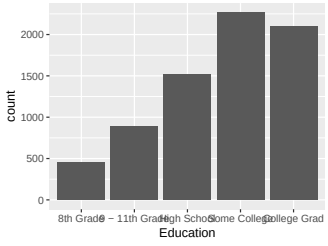
Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	5
Mode	“White”
Reference category	Black



- Observed factor levels: "Black", "Hispanic", "Mexican", "Other", "White".

Education

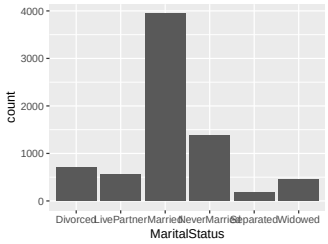
Feature	Result
Variable type	factor
Number of missing obs.	2779 (27.79 %)
Number of unique values	5
Mode	“Some College”
Reference category	8th Grade



- Observed factor levels: "8th Grade", "9 - 11th Grade", "College Grad", "High School", "Some College".

MaritalStatus

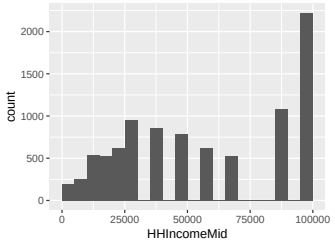
Feature	Result
Variable type	factor
Number of missing obs.	2769 (27.69 %)
Number of unique values	6
Mode	“Married”
Reference category	Divorced



- Observed factor levels: "Divorced", "LivePartner", "Married", "NeverMarried", "Separated", "Widowed".

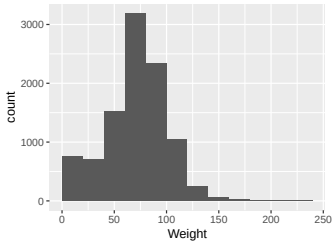
HHIncomeMid

Feature	Result
Variable type	integer
Number of missing obs.	811 (8.11 %)
Number of unique values	12
Median	50000
1st and 3rd quartiles	30000; 87500
Min. and max.	2500; 1e+05



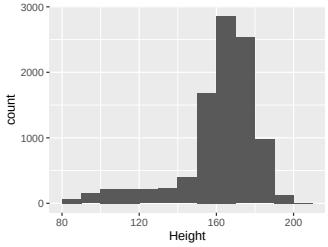
Weight

Feature	Result
Variable type	numeric
Number of missing obs.	78 (0.78 %)
Number of unique values	1290
Median	72.7
1st and 3rd quartiles	56.1; 88.9
Min. and max.	2.8; 230.7



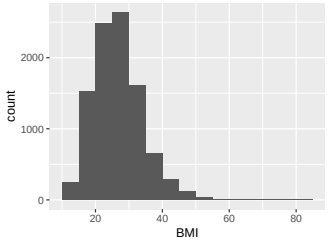
Height

Feature	Result
Variable type	numeric
Number of missing obs.	353 (3.53 %)
Number of unique values	980
Median	166
1st and 3rd quartiles	156.8; 174.5
Min. and max.	83.6; 200.4



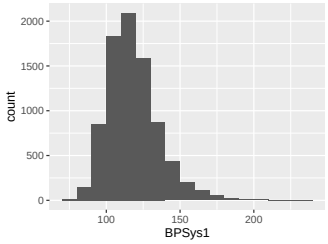
BMI

Feature	Result
Variable type	numeric
Number of missing obs.	366 (3.66 %)
Number of unique values	2073
Median	25.98
1st and 3rd quartiles	21.58; 30.89
Min. and max.	12.88; 81.25



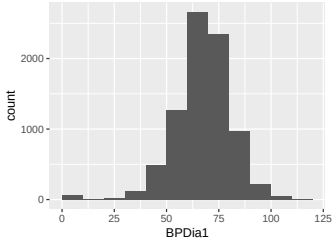
BPSys1

Feature	Result
Variable type	integer
Number of missing obs.	1763 (17.63 %)
Number of unique values	70
Median	116
1st and 3rd quartiles	106; 128
Min. and max.	72; 232



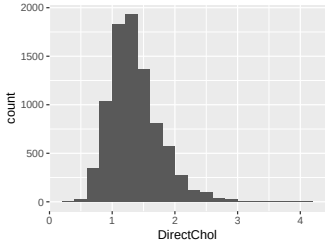
BPDia1

Feature	Result
Variable type	integer
Number of missing obs.	1763 (17.63 %)
Number of unique values	51
Median	70
1st and 3rd quartiles	62; 76
Min. and max.	0; 118



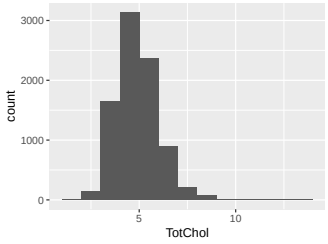
DirectChol

Feature	Result
Variable type	numeric
Number of missing obs.	1526 (15.26 %)
Number of unique values	106
Median	1.29
1st and 3rd quartiles	1.09; 1.58
Min. and max.	0.39; 4.03



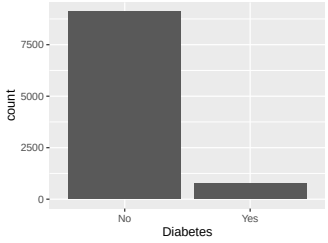
TotChol

Feature	Result
Variable type	numeric
Number of missing obs.	1526 (15.26 %)
Number of unique values	250
Median	4.78
1st and 3rd quartiles	4.11; 5.53
Min. and max.	1.53; 13.65



Diabetes

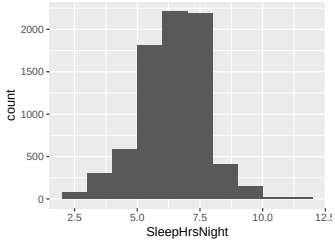
Feature	Result
Variable type	factor
Number of missing obs.	142 (1.42 %)
Number of unique values	2
Mode	“No”
Reference category	No



- Observed factor levels: "No", "Yes".

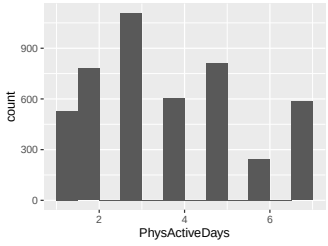
SleepHrsNight

Feature	Result
Variable type	integer
Number of missing obs.	2245 (22.45 %)
Number of unique values	11
Median	7
1st and 3rd quartiles	6; 8
Min. and max.	2; 12



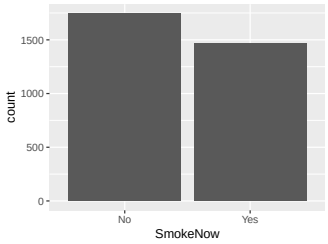
PhysActiveDays

Feature	Result
Variable type	integer
Number of missing obs.	5337 (53.37 %)
Number of unique values	7
Median	3
1st and 3rd quartiles	2; 5
Min. and max.	1; 7



SmokeNow

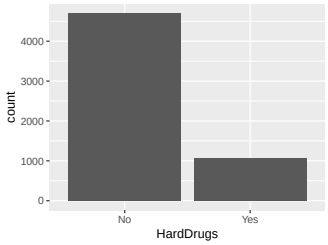
Feature	Result
Variable type	factor
Number of missing obs.	6789 (67.89 %)
Number of unique values	2
Mode	“No”
Reference category	No



- Observed factor levels: "No", "Yes".

HardDrugs

Feature	Result
Variable type	factor
Number of missing obs.	4235 (42.35 %)
Number of unique values	2
Mode	“No”
Reference category	No



- Observed factor levels: "No", "Yes".

Report generation information:

- Created by: Sergio Uribe (username: `sergio`).
- Report creation time: Wed Dec 02 2020 18:03:44
- Report was run from directory: `/home/sergio/Dropbox/Public/Practico R/Introduction-to-Data-Science-RSU`
- 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-pc-linux-gnu (64-bit)(Ubuntu 20.10).
- Function call: `dataMaid::makeDataReport(data = miniNHANES, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook_miniNHANES.Rmd", replace = TRUE, checks = list(character = "showAllFactorLevels", factor = "showAllFactorLevels", labelled = "showAllFactorLevels", haven_labelled = "showAllFactorLevels", numeric = NULL, integer = NULL, logical = NULL, Date = NULL), listChecks = FALSE, maxProbVals = Inf, codebook = TRUE, reportTitle = "Codebook for miniNHANES")`