Codebook for df

Autogenerated data summary from dataMaid

2022-05-24 03:35:27

# Data report overview

The dataset examined has the following dimensions:

| Feature | Result |
| --- | --- |
| Number of observations | 395 |
| Number of variables | 19 |

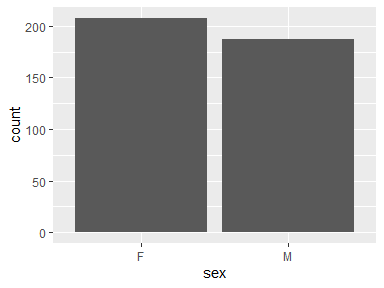
# Codebook summary table

| Label | Variable | Class | # unique values | Missing | Description |
| --- | --- | --- | --- | --- | --- |
|  | [**sex**](#sex) | factor | 2 | 0.00 % |  |
|  | [**age**](#age) | integer | 8 | 0.00 % |  |
|  | [**Pstatus**](#pstatus) | factor | 2 | 0.00 % |  |
|  | [**Medu**](#medu) | ordered | 5 | 0.00 % |  |
|  | [**Fedu**](#fedu) | ordered | 5 | 0.00 % |  |
|  | [**Mjob**](#mjob) | factor | 5 | 0.00 % |  |
|  | [**Fjob**](#fjob) | factor | 5 | 0.00 % |  |
|  | [**studytime**](#studytime) | ordered | 4 | 0.00 % |  |
|  | [**failures**](#failures) | integer | 4 | 0.00 % |  |
|  | [**paid**](#paid) | logical | 2 | 0.00 % |  |
|  | [**higher**](#higher) | logical | 2 | 0.00 % |  |
|  | [**internet**](#internet) | logical | 2 | 0.00 % |  |
|  | [**romantic**](#romantic) | logical | 2 | 0.00 % |  |
|  | [**famrel**](#famrel) | ordered | 5 | 0.00 % |  |
|  | [**health**](#health) | ordered | 5 | 0.00 % |  |
|  | [**absences**](#absences) | integer | 34 | 0.00 % |  |
|  | [**G1**](#g1) | integer | 17 | 0.00 % |  |
|  | [**G2**](#g2) | integer | 17 | 0.00 % |  |
|  | [**G3**](#g3) | integer | 18 | 0.00 % |  |

# Variable list

## sex

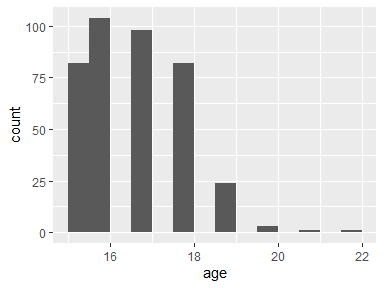
| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | “F” |
| Reference category | F |



* Observed factor levels: "F", "M".

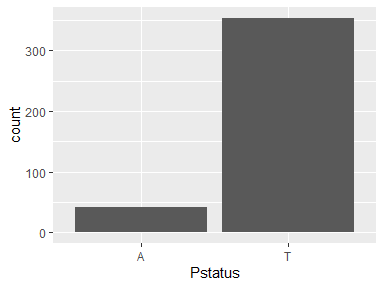
## age

| Feature | Result |
| --- | --- |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 8 |
| Median | 17 |
| 1st and 3rd quartiles | 16; 18 |
| Min. and max. | 15; 22 |



## Pstatus

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



* Observed factor levels: "A", "T".

## Medu

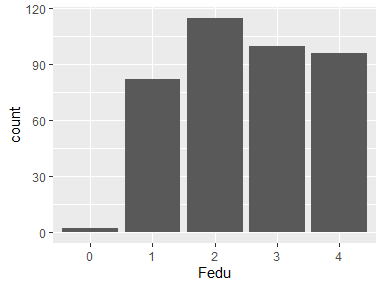
| Feature | Result |
| --- | --- |
| Variable type | ordered |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 5 |
| Mode | “4” |
| Reference category | 0 |



* Observed factor levels: "0", "1", "2", "3", "4".

## Fedu

| Feature | Result |
| --- | --- |
| Variable type | ordered |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 5 |
| Mode | “2” |
| Reference category | 0 |



* Observed factor levels: "0", "1", "2", "3", "4".

## Mjob

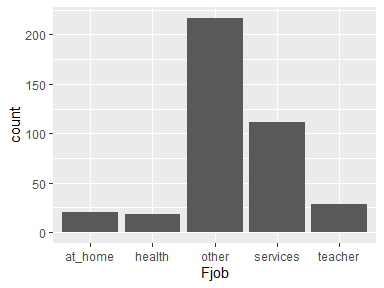
| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 5 |
| Mode | “other” |
| Reference category | at\_home |



* Observed factor levels: "at\_home", "health", "other", "services", "teacher".

## Fjob

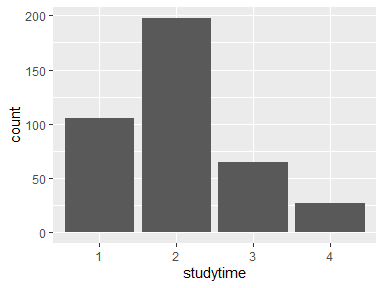
| Feature | Result |
| --- | --- |
| Variable type | factor |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 5 |
| Mode | “other” |
| Reference category | at\_home |



* Observed factor levels: "at\_home", "health", "other", "services", "teacher".

## studytime

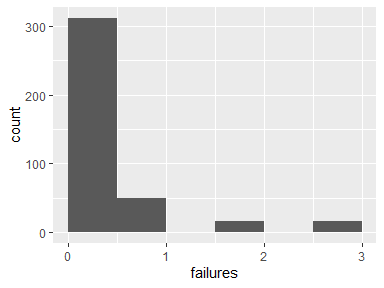
| Feature | Result |
| --- | --- |
| Variable type | ordered |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 4 |
| Mode | “2” |
| Reference category | 1 |



* Observed factor levels: "1", "2", "3", "4".

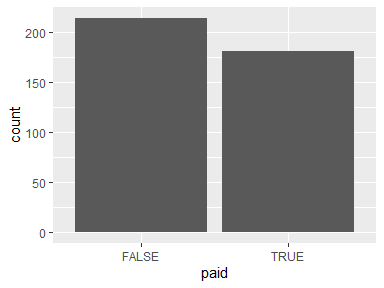
## failures

| Feature | Result |
| --- | --- |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 4 |
| Median | 0 |
| 1st and 3rd quartiles | 0; 0 |
| Min. and max. | 0; 3 |



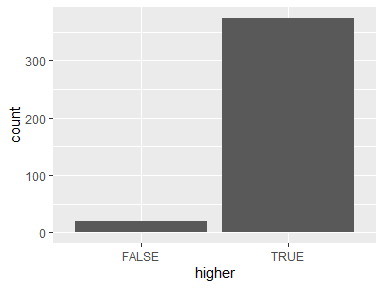
## paid

| Feature | Result |
| --- | --- |
| Variable type | logical |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | “FALSE” |



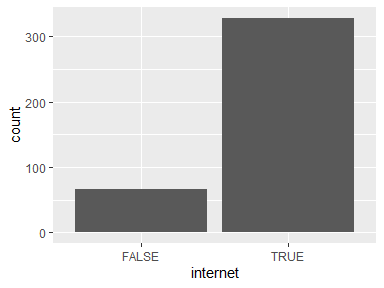
## higher

| Feature | Result |
| --- | --- |
| Variable type | logical |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | “TRUE” |



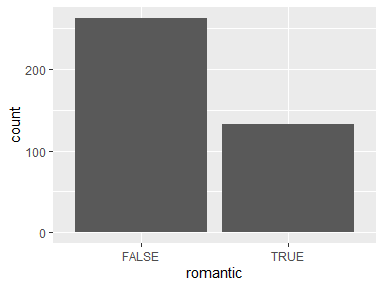
## internet

| Feature | Result |
| --- | --- |
| Variable type | logical |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | “TRUE” |



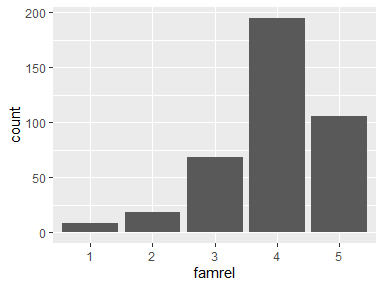
## romantic

| Feature | Result |
| --- | --- |
| Variable type | logical |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 2 |
| Mode | “FALSE” |



## famrel

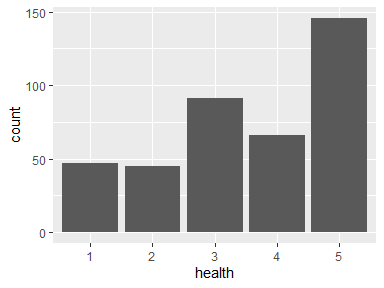
| Feature | Result |
| --- | --- |
| Variable type | ordered |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 5 |
| Mode | “4” |
| Reference category | 1 |



* Observed factor levels: "1", "2", "3", "4", "5".

## health

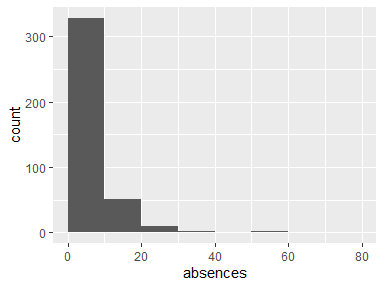
| Feature | Result |
| --- | --- |
| Variable type | ordered |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 5 |
| Mode | “5” |
| Reference category | 1 |



* Observed factor levels: "1", "2", "3", "4", "5".

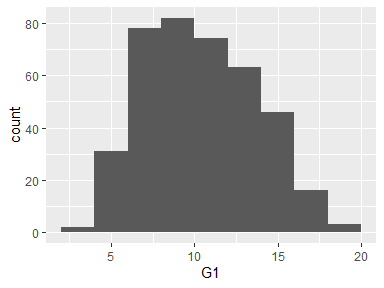
## absences

| Feature | Result |
| --- | --- |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 34 |
| Median | 4 |
| 1st and 3rd quartiles | 0; 8 |
| Min. and max. | 0; 75 |



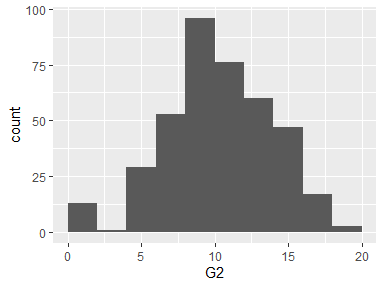
## G1

| Feature | Result |
| --- | --- |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 17 |
| Median | 11 |
| 1st and 3rd quartiles | 8; 13 |
| Min. and max. | 3; 19 |



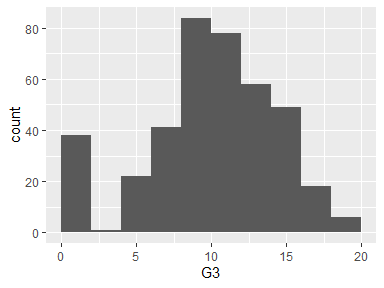
## G2

| Feature | Result |
| --- | --- |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 17 |
| Median | 11 |
| 1st and 3rd quartiles | 9; 13 |
| Min. and max. | 0; 19 |



## G3

| Feature | Result |
| --- | --- |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 18 |
| Median | 11 |
| 1st and 3rd quartiles | 8; 14 |
| Min. and max. | 0; 20 |



Report generation information:

* Created by: error: invalid key: Tiong/.gitconfig (username: Rose Tiong).
* Report creation time: Tue May 24 2022 03:35:29
* Report was run from directory: C:/Users/Rose Tiong/Desktop/Data/data/WQD7001
* dataMaid v1.4.1 [Pkg: 2021-10-08 from CRAN (R 4.1.3)]
* R version 4.1.3 (2022-03-10).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows 8.1 x64 (build 9600)).
* Function call: dataMaid::makeDataReport(data = df, mode = c("summarize", "visualize", "check"), smartNum = FALSE, file = "codebook\_df.Rmd", 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 df")