

```
rooms <- c(1, 5, 2, 3, 1, NA, 3, 1, 3, 2, NA, 1, 8, 3, 1, 4, NA, 1, 3, 1, 2, 1, 7, 1, NA, 4, 3, 1, 7, 2, 1, NA, 1, 1, 3)
sum((na.omit(rooms<2)))
#13
typeof(rooms)
#double
median(rooms)
#NA
class(rooms)
#numeric
```

Environment

History

Connections

Tutorial

Import Dataset

145 MiB

List

R

Global Environment

SAFI_clean

131 obs. of 14 variables

\$ key_ID

: num [1:131] 1 1 3 4 5 6 7 8 9 10 ...

\$ village

: chr [1:131] "God" "God" "God" "God" ...

\$ interview_date

: POSIXct[1:131], format: "2016-11-17" "2016-11-...

\$ no_membrs

: num [1:131] 3 7 10 7 7 3 6 12 8 12 ...

\$ years_liv

: num [1:131] 4 9 15 6 40 3 38 70 6 23 ...

\$ respondent_wall_type

: chr [1:131] "muddaub" "muddaub" "burntbricks" ...

\$ rooms

: num [1:131] 1 1 1 1 1 1 1 3 1 5 ...

\$ memb_assoc

: chr [1:131] "NULL" "yes" "NULL" "NULL" ...

\$ affect_conflicts

: chr [1:131] "NULL" "once" "NULL" "NULL" ...

\$ liv_count

: num [1:131] 1 3 1 2 4 1 1 2 3 2 ...

\$ items_owned

: chr [1:131] "bicycle;television;solar_panel;ta...

\$ no_meals

: num [1:131] 2 2 2 2 2 2 3 2 3 3 ...

\$ months_lack_food

: chr [1:131] "Jan" "Jan;Sept;Oct;Nov;Dec" "Jan;...

\$ instanceID

: chr [1:131] "uuid:ec241f2c-0609-46ed-b5e8-fe57...

- attr(*, "spec")=

.. cols(

.. key_ID = col_double(),

.. village = col_character(),

.. interview_date = col_datetime(format = ""),

.. no_membrs = col_double(),

.. years_liv = col_double(),

.. respondent_wall_type = col_character(),

.. rooms = col_double(),

.. memb_assoc = col_character(),

.. affect_conflicts = col_character(),

.. liv_count = col_double(),

.. items_owned = col_character(),

.. no_meals = col_double()

Files

Plots

Packages

Help

Viewer

Presentation

SAFI_clean xSAFI_clean.csv x

↑↓☐ Show whitespace

```
1 key_ID,village,interview_date,no_membrs,years_liv,respondent_wall_type,rooms,memb_as
2 1,God,2016-11-17T00:00:00Z,3,4,muddaub,1,NULL,NULL,1,bicycle;television;solar_panel;
3 1,God,2016-11-17T00:00:00Z,7,9, muddaub,1,yes,once,3,cow_cart;bicycle;radio;cow_plou
4 3,God,2016-11-17T00:00:00Z,10,15, burntbricks,1,NULL,NULL,1,solar_torch,2,Jan;Feb;Ma
5 4,God,2016-11-17T00:00:00Z,7,6, burntbricks,1,NULL,NULL,2,bicycle;radio;cow_plough;s
6 5,God,2016-11-17T00:00:00Z,7,40,burntbricks,1,NULL,NULL,4,motorcyle;radio;cow_plough
7 6,God,2016-11-17T00:00:00Z,3,3,muddaub,1,NULL,NULL,1,NULL,2,Aug;Sept;Oct,uuid:daa56c
8 7,God,2016-11-17T00:00:00Z,6,38,muddaub,1,no,never,1,motorcyle;cow_plough,3,Nov,uuid
9 8,Chirodzo,2016-11-16T00:00:00Z,12,70,burntbricks,3,yes,never,2,motorcyle;bicycle;te
10 9,Chirodzo,2016-11-16T00:00:00Z,8,6,burntbricks,1,no,never,3,television;solar_panel;
11 10,Chirodzo,2016-12-16T00:00:00Z,12,23,burntbricks,5,no,never,2,cow_cart;motorcyle;b
12 11,God,2016-11-21T00:00:00Z,6,20,sunbricks,1,NULL,NULL,2,radio;cow_plough,2,Oct;Nov,
13 12,God,2016-11-21T00:00:00Z,7,20,burntbricks,3,yes,never,2,cow_cart;bicycle;radio;co
14 13,God,2016-11-21T00:00:00Z,6,8,burntbricks,1,no,never,3,bicycle;radio;cow_plough;mo
15 14,God,2016-11-21T00:00:00Z,10,20,burntbricks,3,NULL,NULL,3,bicycle;radio;cow_plough
16 15,God,2016-11-21T00:00:00Z,5,30,sunbricks,2,yes,once,3,bicycle;radio;cow_plough;sol
17 16,God,2016-11-24T00:00:00Z,6,47,muddaub,1,NULL,NULL,4,radio;cow_plough;solar_panel;
18 17,God,2016-11-21T00:00:00Z,8,20,sunbricks,1,NULL,NULL,1,mobile_phone,2,Nov;Dec,uuid
19 18,God,2016-11-21T00:00:00Z,4,20,muddaub,1,NULL,NULL,3,bicycle;mobile_phone,2,Oct;No
20 19,God,2016-11-21T00:00:00Z,9,23,burntbricks,2,NULL,NULL,2,bicycle;radio;cow_plough;
21 20,God,2016-11-21T00:00:00Z,6,1,burntbricks,1,NULL,NULL,1,bicycle;cow_plough;solar_t
22 21,God,2016-11-21T00:00:00Z,8,20,burntbricks,1,no,never,3,NULL,2,Jan;Feb;Mar;Oct;Nov
23 22,God,2016-11-21T00:00:00Z,4,20,muddaub,1,NULL,NULL,1,radio,2,Jan;Feb;Mar;Apr;Aug;S
24 23,Ruaca,2016-11-21T00:00:00Z,10,20,burntbricks,4,NULL,NULL,3,cow_cart;bicycle;telev
25 24,Ruaca,2016-11-21T00:00:00Z,6,4,burntbricks,2,no,never,3,radio;table;sofa_set;mobi
26 25,Ruaca,2016-11-21T00:00:00Z,11,6,burntbricks,3,no,never,2,cow_cart;motorcyle;telev
27 26,Ruaca,2016-11-21T00:00:00Z,3,20,burntbricks,2,no,never,2,radio;cow_plough;table;m
28 27,Ruaca,2016-11-21T00:00:00Z,7,36,burntbricks,2,NULL,NULL,3,bicycle;radio;cow_ploug
29 28,Ruaca,2016-11-21T00:00:00Z,2,2,muddaub,1,no,more_once,1,NULL,3,Aug;Sept;Oct,uuid:
30 29,Ruaca,2016-11-21T00:00:00Z,7,10,burntbricks,2,yes,frequently,1,motorcyle;bicycle;
31 30,Ruaca,2016-11-21T00:00:00Z,7,22,muddaub,2,NULL,NULL,1,bicycle;radio;mobile_phone,
32 31,Ruaca,2016-11-21T00:00:00Z,3,2,muddaub,1,NULL,NULL,1,NULL,3,none,uuid:cb06eb49-dd
33 32,Ruaca,2016-11-21T00:00:00Z,19,69,muddaub,2,yes,more_once,5,cow_cart;motorcyle;rad
34 33,Ruaca,2016-11-21T00:00:00Z,8,34,muddaub,1,no,more_once,2,cow_cart;lorry;motorcycle
35 34,Chirodzo,2016-11-17T00:00:00Z,8,18,burntbricks,3,yes,more_once,3,television;radio
36
```

1:1Text file ↕

benner - RStudio

SAFI_clean.csv

```
1 key_ID,village,interview_date,no_membrs,years_liv,respondent_wall_type,rooms,memb_as
2 1,God,2016-11-17T00:00:00Z,3,4,muddaub,1,NULL,NULL,1,bicycle;television;solar_panel;
3 1,God,2016-11-17T00:00:00Z,7,9, muddaub,1,yes,once,3,cow_cart;bicycle;radio;cow_plou
4 3,God,2016-11-17T00:00:00Z,10,15, burntbricks,1,NULL,NULL,1,solar_torch,2,Jan;Feb;Ma
5 4,God,2016-11-17T00:00:00Z,7,6, burntbricks,1,NULL,NULL,2,bicycle;radio;cow_plough;s
6 5,God,2016-11-17T00:00:00Z,7,40,burntbricks,1,NULL,NULL,4,motorcyle;radio;cow_plough;
7 6,God,2016-11-17T00:00:00Z,3,3,muddaub,1,NULL,NULL,1,NULL,2,Aug;Sept;Oct,uuid:daa56c
8 7,God,2016-11-17T00:00:00Z,6,38,muddaub,1,no,never,1,motorcyle;cow_plough,3,Nov,uuid
9 8,Chirodzo,2016-11-16T00:00:00Z,12,70,burntbricks,3,yes,never,2,motorcyle;bicycle;te
10 9,Chirodzo,2016-11-16T00:00:00Z,8,6,burntbricks,1,no,never,3,television;solar_panel;
11 10,Chirodzo,2016-12-16T00:00:00Z,12,23,burntbricks,5,no,never,2,cow_cart;motorcyle;b
12 11,God,2016-11-21T00:00:00Z,6,20,sunbricks,1,NULL,NULL,2,radio;cow_plough,2,Oct;Nov,
13 12,God,2016-11-21T00:00:00Z,7,20,burntbricks,3,yes,never,2,cow_cart;bicycle;radio;co
14 13,God,2016-11-21T00:00:00Z,6,8,burntbricks,1,no,never,3,bicycle;radio;cow_plough;mo
15 14,God,2016-11-21T00:00:00Z,10,20,burntbricks,3,NULL,NULL,3,bicycle;radio;cow_plough
16 15,God,2016-11-21T00:00:00Z,5,30,sunbricks,2,yes,once,3,bicycle;radio;cow_plough;sol
17 16,God,2016-11-24T00:00:00Z,6,47,muddaub,1,NULL,NULL,4,radio;cow_plough;solar_panel;
18 17,God,2016-11-21T00:00:00Z,8,20,sunbricks,1,NULL,NULL,1,mobile_phone,2,Nov;Dec,uuid
19 18,God,2016-11-21T00:00:00Z,4,20,muddaub,1,NULL,NULL,3,bicycle;mobile_phone,2,Oct;No
20
```

1:1 Text file

Console Terminal Background Jobs

```
R - R 4.4.2 - ~/benner/

> library(readr)
> SAFI_clean <- read_csv("SAFI_clean.csv")
Rows: 131 Columns: 14
  Column specification
  Delimiter: ","
chr (7): village, respondent_wall_type, memb_assoc, affect_conflicts, items....
dbl (6): key_ID, no_membrs, years_liv, rooms, liv_count, no_meals
dtm (1): interview_date

i Use `spec()` to retrieve the full column specification for this data.
i Specify the column types or set `show_col_types = FALSE` to quiet this message.
> View(SAFI_clean)
> View(SAFI_clean)
> library(kitex)
```

Environment History Connections Tutorial

R - Global Environment

Data

SAFI_clean 131 obs. of 14 variables

\$ key_ID	: num [1:131]	1 1 3 4 5 6 7 8 9 10 ...
\$ village	: chr [1:131]	"God" "God" "God" "God" ...
\$ interview_date	: POSIXct[1:131], format: "2016-11-17" "2016-1	
\$ no_membrs	: num [1:131]	3 7 10 7 7 3 6 12 8 12 ...
\$ years_liv	: num [1:131]	4 9 15 6 40 3 38 70 6 23 ...
\$ respondent_wall_type	: chr [1:131]	"muddaub" "muddaub" "burntbricks
\$ rooms	: num [1:131]	1 1 1 1 1 1 3 1 5 ...

Files Plots Packages Help Viewer Presentation

New Folder New File Delete Rename More

Home > benner

Name	Size	Modified
..		
.RData	9.4 KB	Feb 25, 2025, 11:41
.Rhistory	410 B	Feb 25, 2025, 11:41
aflevering.RData	9.4 KB	Feb 25, 2025, 11:41
benner.Rproj	253 B	Feb 26, 2025, 10:14
data		
figures		
output		

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

Step1-3.R x Starting with R.R x Danish_kings_1_ x head_interviews x interviews x

Run Source

```
1 rooms <- c(1, 5, 2, 3, 1, NA, 3, 1, 3, 2, NA, 1, 8, 3, 1, 4, NA, 1, 3, 1, 2, 1, 7, 1, NA, 4, 3, 1, 7, 2, 1, NA, 1, 1, 3)
2 sum((na.omit(rooms<2)))
3 #13
4 typeof(rooms)
5 #double
6 median(rooms)
7 #NA
8
9 download.file(interviews)
10 read_csv(interviews)
11
12 library(tidyverse)
13 na.omit(Danish_kings_1_)
14 glimpse(Danish_kings_1_)
15 Danish_kings_1_ <- Danish_kings_1_ %>%
16 mutate(start_reign = as.numeric(start_reign),end_reign = as.numeric(end_reign))
17 Danish_kings_1_ <- Danish_kings_1_ %>%
18   mutate(varighed = end_reign - start_reign)
19 mean(Danish_kings_1_$varighed, na.rm = TRUE)
20 median(Danish_kings_1_$varighed, na.rm = TRUE)
21
```

21:1 (Top Level) R Script

Console Terminal Background Jobs

R 4.4.2 · /cloud/project/

```
$ reignyears_total <dbl> 22, 29, 27, 4, 17, 7, 5, 27, 6, 6, 9, 8, 30, 3, 9, 11, 11, 11, 20, 39, 9, 2, 7, 27, 33, 7, 3, ...
$ varighed <dbl> 22, 29, 27, 4, 17, 7, 5, 27, 6, 6, 9, 8, 30, 3, 9, 11, 11, 11, 20, 39, 9, 2, 7, 27, 33, 7, 3, ...
> Danish_kings_1_ <- Danish_kings_1_ %>%
+ mutate(start_reign = as.numeric(start_reign),end_reign = as.numeric(end_reign))
> Danish_kings_1_ <- Danish_kings_1_ %>%
+   mutate(varighed = end_reign - start_reign)
> mean(Danish_kings_1_$varighed, na.rm = TRUE)
[1] 20.15094
> median(Danish_kings_1_$varighed, na.rm = TRUE)
[1] 17
>
```