

My First RMarkdown Document

Arun

2022-12-08

This is an RMarkdown Document.(1)

This is a first level header

Sample Text

Header 2

Sample Text

Header 3

Sample Text

This is another first level header

Creating Lists in RMarkdown

- List 1
- List 2
 - Item a
 - Item b
- List 3

Bold and italics

This is **bold** text. This is *italics* text.

low	mean
0	133.3000
1	122.1356

Adding a table

Col1	Col2	Col3
Arun	123	samosa
Antony	345	burger
Nesan	456	pakoda

```
library(tidyverse)
library(gtsummary)

df <- MASS::birthwt

df %>%
  select(lwt, low) %>%
 tbl_summary(by = low)
```

Characteristic	0, N = 130	1, N = 59
lwt	124 (113, 147)	120 (104, 130)

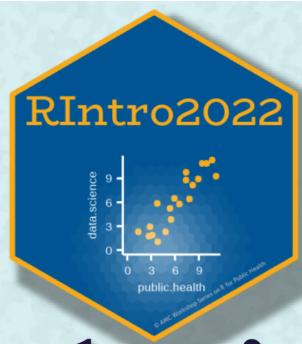
Using dplyr verbs

```
df %>%
  group_by(low) %>%
  summarize(mean = mean(lwt)) %>%
  kableExtra::kbl() %>%
  kableExtra::kable_classic(full_width = F, html_font = "Cambria")

## Warning in !is.null(rmarkdown::metadata$output) && rmarkdown::metadata$output
## %in% : 'length(x) = 2 > 1' in coercion to 'logical(1)'
```

Adding Images to your RMarkdown Document

श्री चित्रा तिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, त्रिवेंद्रम केरल- 695 011, भारत
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KERALA – 695 011, INDIA
 (एक राष्ट्रीय महत्व का संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार)
 (An Institution of National Importance, Department of Science and Technology, Govt. of India)



Data Analysis using R

HANDS ON TRAINING FOR HEALTH PROFESSIONALS

Four Day in-person Workshop

15 – 18 September, 2022

AMCHSS, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Trivandrum



TARGET AUDIENCE:

Mid-level health professionals, post-graduate students and early career faculty members seeking to build competencies and skills on data-science approach to healthcare.

HURRY! LIMITED SEATS! (30 participants)
REGISTRATION CLOSES ON 20th AUG 2022

FEE: Rs. 3,000/- (Students); Rs. 5,000/- (Others)

Workshop Website:

<https://amchss.github.io/RIntro2022/>

Registration Link:

<https://forms.gle/sXzzy8XbDHbTa5L27>

TOPICS COVERED:

- Concepts of Tidy Data
- Data Wrangling
- Data Visualization
- Statistical Analysis
- Communicating Results with RMarkdown

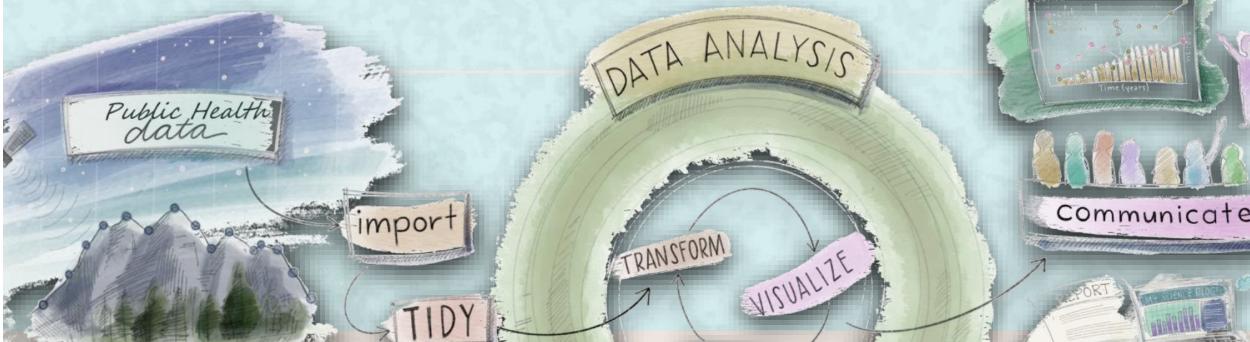
Email:

amchss.sctimst@gmail.com

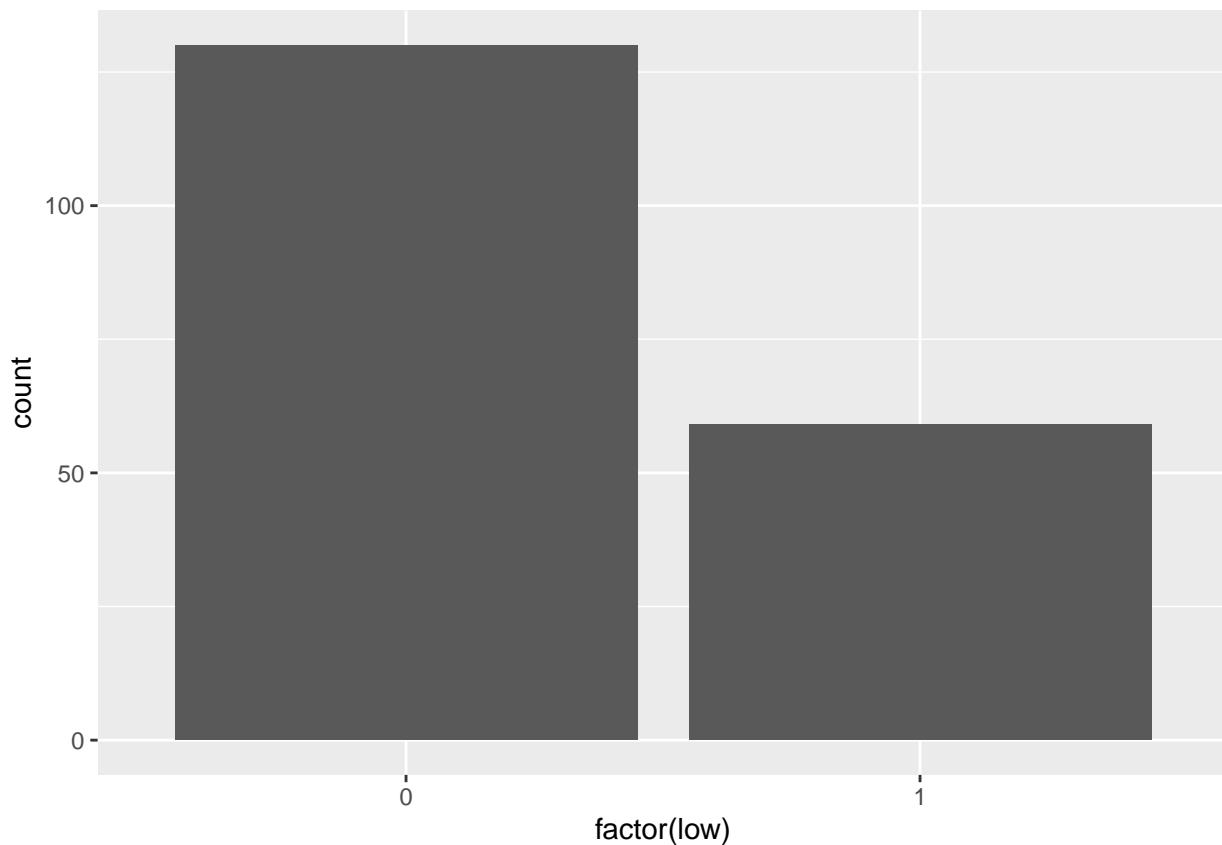
amchss@sctimst.ac.in

+91 471 2524638

Contact:
Scan QR Code
to Register



```
df %>%
  ggplot() +
  geom_bar(aes(x = factor(low)))
```



Adding Citation in RMarkdown

This is my text. I want to add a reference here.(2)

References

1. Mitra A, Soman B, Gaitonde R, Singh G, Roy A. Data Science Methods to Develop Decision Support Systems for Real-time Monitoring of COVID-19 Outbreak. *Journal of Human, Earth, and Future*. 2022 Jun;3(2):223–36.
2. Mitra A, Pakhare AP, Roy A, Joshi A. Impact of COVID-19 epidemic curtailment strategies in selected Indian states: An analysis by reproduction number and doubling time with incidence modelling. *PLOS ONE*. 2020 Sep;15(9):e0239026.