

E-Tidings Newsletter

SCASA Events and News



Volume 11, Issue 8

August, 2023



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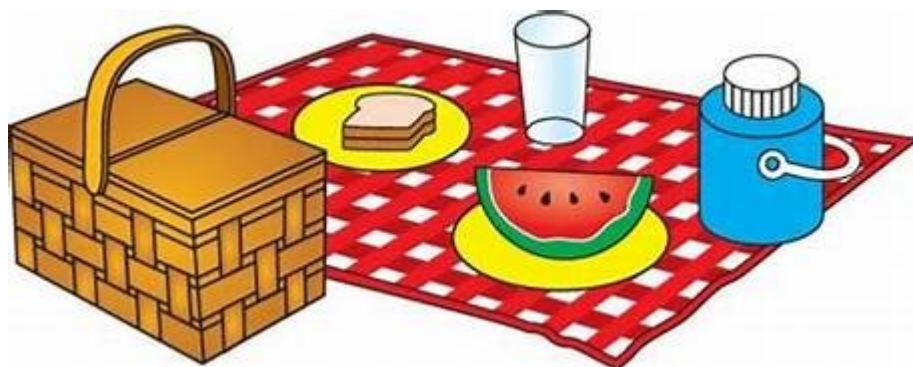


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BACK FROM JSM REPORT

By Wayne Smith, CSUN, The ASA Council of Chapters Representative

In coordination with the annual JSM conference, the annual ASA Council of Chapters (CoC) business meeting was held last week. Below is a concise summary of the most interesting points.

❑ The current ASA President Dionne Price has focused on promoting the practice and profession of statistics through three initiatives:

① Promoting the Profession, through StatsForward, a professional leadership development program for early-career statisticians and data scientists.

② Promoting the Practice, through improving means for communicating the value our community brings to scientific discoveries and decisions, and through sharing the exciting opportunities within the ASA for collaboration, leadership, and career development.

③ Promoting the Practice and Profession of Statistics, through enhancing the pipeline into the profession by making the transition from two-year to four-year programs in statistics and data science as seamless as possible.

❑ The ASA journal initiatives include creating a new journal "Statistics and Data Science in Imaging" and also making it is easier for a "rejected" article from one ASA journal to be published in another ASA journal to ensure high-quality research stays in the ASA journal portfolio.

❑ The ASA finances have been audited and are sound.

❑ In case you missed it in your physical ASA mailers, the list of 2023 ASA Election results are listed at: <https://www.amstat.org/docs/default-source/amstat-documents/2023-electionresults.pdf>

❑ The current ASA Charter is located at (scroll down):

<https://community.amstat.org/coc/home>

❑ The presentation slides for the Council of Chapter business meeting, please see (again, scroll down):

<https://community.amstat.org/coc/home>

Dionne Price, director of Division of Biometrics IV in the Office of Biostatistics, Office of Translational Sciences, Center for Drug Evaluation and Research, US Food and Drug Administration, is currently serving a one-year term as the 118th president of the American Statistical Association (ASA).





2023 Orange County Biostatistics Symposium



DATE: Friday and Saturday, **September 29-30, 2023**

TOPIC: Innovative Designs in Expediting Drug and Device Development

LOCATION: In person at **Edwards Lifesciences** Conference Center, 1 Edwards Way, Irvine, CA 92612. An online option will be also available.

EVENT WEBSITE: www.oclbasa.org

REGISTRATION: <https://2023ocbiostatistics.eventbee.com>

AGENDA

Day 1

- 7:30 AM – 12:00 Noon – Breakfast, Keynote session and Q&A
- 12:00 - 1:00 PM - Lunch
- 1:00 - 4:45 PM – Invited and contributed topics in clinical/statistics and data science/analytics
- 5:00 - 7:00 PM Evening Reception

Day 2

- 7:30 AM – 12:00 PM – Breakfast, Keynote session, Invited and contributed topics in clinical/statistics, data science/analytics and academic research
- 12:00 - 1:00 PM - Lunch
- 1:00 - 4:45 PM - Invited and contributed topics in clinical/statistics, data science/analytics and academic research

Days 1 and 2 Student Poster Sessions: 10:00 AM - 5:00 PM

Much more info is posted on the event website: <https://www.oclbasa.org/>
Please consider attending and bringing your students. We need a big turnout of students for the panel session.



Edwards

By Sunil Gupta, <https://R-Guru.com>

- Home
 - R Programming Best Practices
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- Install & Learn R
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 - Install R Packages and Load Libraries
 - What is R and Why Learn R?
 - Learn R Programming
 - Run R Programs to Create Objects
 - R Process Flow and Scope
- Common R Tasks
- Compare with SAS
- Pharmaverse
- R Books and Blogs
- R Papers
- Common R FAQs

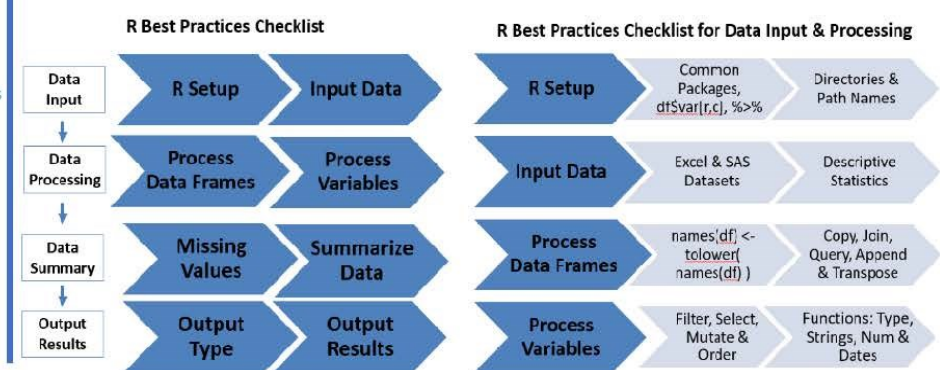


R-Guru Resource Hub

R_Guru <- R(for SAS Programmers)

Search R-Guru

- Home
- Install & Learn R
- Common R Tasks
- Compare with SAS
- Pharmaverse



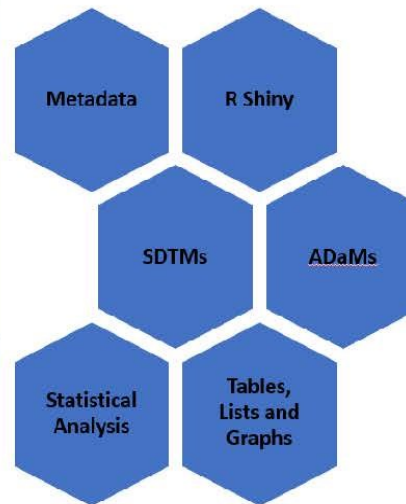
R Cheat Sheets

- R-Guru ([All R Cheat Sheets](#))
- The Essential Functions of R
- Base R
- R Syntax Comparison
- R Packages
- R Reference Card
- R Studio IDE
- READR
- DPLYR
- STRINGR
- LUBRIDATE
- GT Summary
- RMARKDOWN
- GGPLOT2
- Advanced R
- Tutorial's Point Quick Guide
- The Analysis Factor Tutorials
- SAS 2 R
- Shiny App

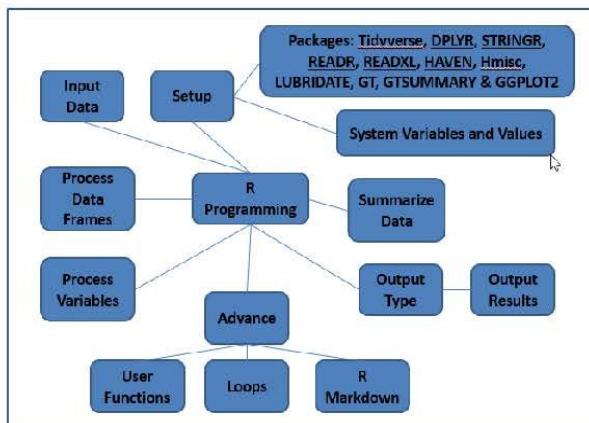
R Programming Books and Blogs

- R Fundamentals
- Introduction to R Programming
- R Programming Examples
- R Programming Tasks
- Hands-On Programming with R Programming
- R Programming: Basic Operations
- R-Coder.com
- Advance R book
- The Epidemiologist R Handbook
- Introduction to Data Cleaning with R
- YaRrr! - The Pirates's Guide to R
- R for Clinical Study Reports and Submission
- Educative: R Tutorial for Beginners
- R for Data Science
- Introduction to Tidyverse
- Modern R with Tidyverse
- Tidyverse Blog
- Coding Club
- Mastering Shiny

Pharmaverse



R-Guru Best Practices Mind Map



R-Guru.com Cheat Sheet for Statistical Programmers

This guide contains best practice examples for creating and updating **tibbles** in the pharma industry. Examples show common R tasks for importing data, creating data frames, direct variable referencing, piping, conditional and group processing, **sql** components, character and date operations, variable type conversions, transposing data frames, joining data frames, appending data frames, deriving summary variables, and creating graphs and output files. When possible, base R sample data frames are used in examples.

Mutate() has five features: **case_when()**, simple expression, summary functions, **rowwise()**, and **group_by()/ungroup()** with summary functions. Data utility functions describe and view data frames: **View(df)**, **str(df)**, **summary(df)**, **table(vr)**, **print(df, n=)**, **head(df)**, **tail(df)**, **row_number()**, **nrow()**, **ncol()** and **is()**. **Tidyverse**, **DPLYR**, **STRINGR**, **READR**, **READXL**, **HAVEN**, **Hmisc**, **LUBRIDATE**, **GT**, **GTSUMMARY** & **GGPLOT2** packages are required. **df#** are data frame names & **vr#** are variable names. Character or numeric variables depend on the function and values. Missing and non-missing conditions: **==**, **== "**, **== ',"**, **!=**, **!= "**, **na.rm=TRUE**.

Dr. Normalcurvesaurus, Ph.D. presents



A truck loaded with thousands of copies of Roget's Thesaurus spilled its load leaving witnesses stunned, puzzled, startled, aghast, stupefied, confused, shocked, rattled, paralyzed, dazed, openmouthed, bamboozled, bewildered, surprised, dumbfounded, flabbergasted, astonished, astounded, awestricken, dismayed, perplexed, befuddled, shaken up, and numbed.

did you know? Texas is so large, you can fit the United States, the moon, and another Texas inside it

