



Studio[®]

What's New
with R and
RStudio?



Questions?

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RStudio 1.3

New features for power users and everyone else

- [Real Time Spellchecking](#)
- [Exportable Configuration & Settings](#)
- [Integrated Tutorials](#)
- [New File Templates](#)



New Packages

reticulate: R + Python interoperability

- Call Python from R (and vice-versa)
- Automatically translate objects between R and Python
- Edit Python files inside RStudio
- Use Python code in your R scripts, R Markdown files, and Shiny apps



<https://rstudio.github.io/reticulate/>

pins: Pin and Share Resources

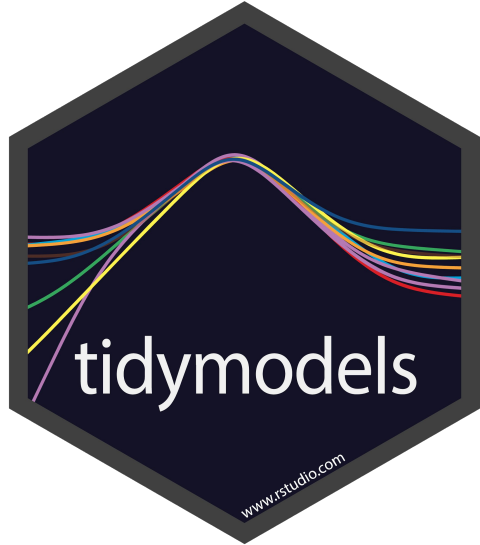
- Pin data and other objects to RStudio Connect, GitHub, AWS S3, Google Cloud, and more for easy sharing
- Intelligently cache resources locally
- Discover new resources

<http://pins.rstudio.com/>



tidymodels: An ecosystem of packages for modeling and machine learning

- A collection of packages (a la tidyverse) with a shared API for model fitting in R
- Abstract away differences in syntax
- Provides a standard framework for ML workflows



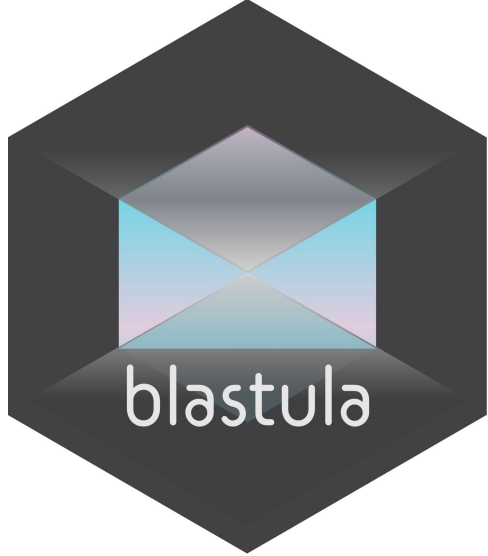
<https://www.tidymodels.org>



blastula: Beautiful emails from R

- Compose and send rich HTML formatted emails from R
- Insert static plots, tables, and other formatting via R Markdown
- Customize subject, attachments, etc.
- Integration with RStudio Connect

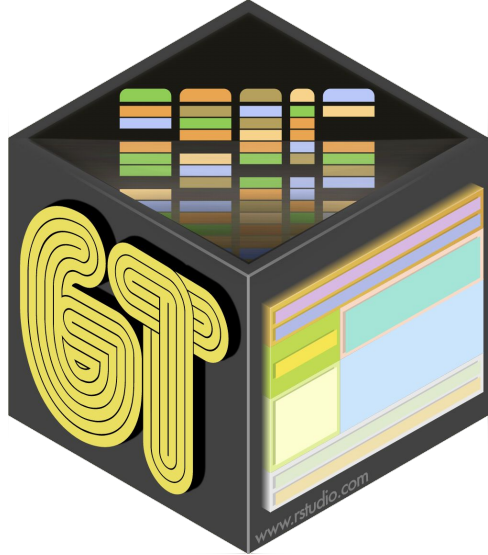
<https://rich-iannone.github.io/blastula/>



gt: Presentation-caliber tables

- “Grammar of tables”
- Supports more complex formatting (spanner columns, grouped rows, footnotes, etc.)
- Functions for Shiny

<https://gt.rstudio.com/>



More resources - bookmark & check regularly

- [Webinars](#)
- [RStudio Blog](#)
- [Tidyverse Blog](#)
- [R Views Blog](#)

Familiarize yourself with the repos (and contribute!)

If I need to...	Check out
Report an issue or see if others are having the same problem	Issues
See if an feature exists or if it's coming up in future releases	NEWS
See the basics about the package	README

- <https://github.com/rstudio/reticulate>
- <https://github.com/rstudio/pins>
- <https://github.com/tidymodels>
- https://github.com/rich-iannone/blas_tula
- <https://github.com/rstudio/gt>