

An R client for iRODS

riods

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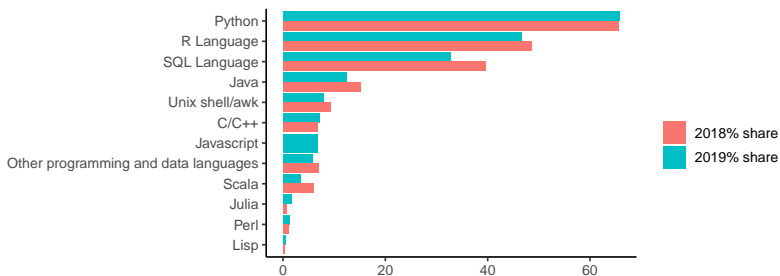
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The R Ecosystem

Introduction to R

- ▶ Emphasis on statistics and visualization of data
- ▶ Used by researchers and industry
- ▶ Open sourced, active useRs community (26,644 packages)



Why R?

- ▶ Creating reproducible workflows
 - ▶ Scripted analysis
 - ▶ Literate programming (“Rmarkdown” and “Quarto”)

Never again wonder what method did I use to center variable “foo” in my regression model ... ?

- ▶ But what about the data itself?
 - ▶ Centralized, relational, tabular databases

SQLite, MySQL, PostgreSQL, MonetDB with DBI package