Data Import

datapasta: R Tools for Data Copy-Pasta

readr: Read Rectangular Text Data

readxl: Read Excel Files

dbplyr: A 'dplyr' Back End for Databases

haven: Import and Export 'SPSS', 'Stata' and 'SAS' Files

pins: Pin, Discover and Share Resources

Package Development

devtools: Tools to Make Developing R Packages Easier

testthat: Unit Testing for R

Data Wraggling

tidyverse

tibble: Simple Data Frames

dplyr: A Grammar of Data Manipulation

tidyr: Tidy Messy Data

lubridate: Make Dealing with Dates a Little Easier

stringr: Simple, Consistent Wrappers for Common String Operations

glue: Interpreted String Literals

magrittr: A Forward-Pipe Operator for R

purrr: Functional Programming Tools

furrr: Apply Mapping Functions in Parallel using Futures

Time Series Analysis

fabletools

tsibble: Tidy Temporal Data Frames and Tools

feasts: Feature Extraction and Statistics for Time Series

fable: Forecasting Models for Tidy Time Series

forecast: Forecasting Functions for Time Series and Linear Models

prophet: Automatic Forecasting Procedure

anomalize: Tidy Anomaly Detection

Modeling and Statistical Analysis

tidymodels

rsample: General Resampling Infrastructure

recipes: Preprocessing Tools to Create Design Matrices

tune: Tidy Tuning Tools

parsnip: A Common API to Modeling and Analysis Functions

yardstick: Tidy Characterizations of Model Performance

plumber: An API Generator for R

Result Communication

knitr: A General-Purpose Package for Dynamic Report Generation in R

rmarkdown: Dynamic Documents for R

shiny: Web Application Framework for R

ggplot2: Create Elegant Data Visualisations Using the Grammar of Graphics

DT: A Wrapper of the JavaScript Library 'DataTables'

plotly: Create Interactive Web Graphics via 'plotly.js'

leaflet: Create Interactive Web Maps with the JavaScript 'Leaflet' Library

kableExtra: Construct Complex Table with 'kable' and Pipe Syntax