

# Package: StatTeacherAssistant (via r-universe)

May 18, 2026

**Type** Package

**Title** An App that Assists Intro Statistics Instructors with Data Sets

**Version** 0.0.3

**Maintainer** Christopher Casement <casementc@gmail.com>

**Description** Includes an interactive application designed to support educators in wide-ranging disciplines, with a particular focus on those teaching introductory statistical methods (descriptive and/or inferential) for data analysis. Users are able to randomly generate data, make new versions of existing data through common adjustments (e.g., add random normal noise and perform transformations), and check the suitability of the resulting data for statistical analyses.

**License** MIT + file LICENSE

**URL** <https://github.com/ccasement/StatTeacherAssistant>,  
<https://CRAN.R-project.org/package=StatTeacherAssistant>

**BugReports** <https://github.com/ccasement/StatTeacherAssistant/issues>

**Depends** R (>= 3.5.0)

**Imports** DescTools (>= 0.99.60), dplyr (>= 1.1.4), DT (>= 0.33), extraDistr (>= 1.10.0), ggplot2 (>= 3.5.2), plotly (>= 4.10.4), rhandsontable (>= 0.3.8), rio (>= 1.2.3), rmatio (>= 0.19.0), shiny (>= 1.10.0), shinyalert (>= 3.1.0), shinyBS (>= 0.61.1), shinyjs (>= 2.1.0), sortable (>= 0.5.0), stringi (>= 1.8.7), stringr (>= 1.5.1), tidyr (>= 1.3.1)

**Encoding** UTF-8

**Language** en-US

**RoxygenNote** 7.3.2

**Config/pak/sysreqs** cmake make libicu-dev libuv1-dev libssl-dev libx11-dev zlib1g-dev

**Repository** <https://ccasement.r-universe.dev>

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**RemoteUrl** <https://github.com/ccasement/statteacherassistant>

**RemoteRef** HEAD

**RemoteSha** efdc368ac1d5074ec475f8b7586078c913fc447c

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StatTeacherAssistant-package

*StatTeacherAssistant: An App that Assists Intro Statistics Instructors  
with Data Sets*

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## Description

Includes an interactive application designed to support educators in wide-ranging disciplines, with a particular focus on those teaching introductory statistical methods (descriptive and/or inferential) for data analysis. Users are able to randomly generate data, make new versions of existing data through common adjustments (e.g., add random normal noise and perform transformations), and check the suitability of the resulting data for statistical analyses.

## Details

Package: StatTeacherAssistant

Type: Package

Version: 0.0.3

Date: 2025-05-01

Depends: R (>= 3.5.0)

Imports: DescTools, dplyr, DT, extraDistr, ggplot2, plotly, rhandsontable, rio, rmatio, shiny, shinyalert, shinyBS, shinyjs, sortable, stringi, stringr, tidy License: MIT

BugReports: <https://github.com/ccasement/StatTeacherAssistant/issues>

Encoding: UTF-8

## Function

- [runStatTeacherAssistantApp](#)

## Author(s)

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Laura McSweeney  
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### See Also

Useful links:

- <https://github.com/ccasement/StatTeacherAssistant>
- <https://CRAN.R-project.org/package=StatTeacherAssistant>
- Report bugs at <https://github.com/ccasement/StatTeacherAssistant/issues>

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`runStatTeacherAssistantApp`

*Run the StatTeacherAssistant Shiny application*

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### Description

Runs the StatTeacherAssistant Shiny application.

### Usage

```
runStatTeacherAssistantApp()
```

### Value

There is no return value.

### Author(s)

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Department of Mathematics  
Fairfield University

### Examples

```
## only run the app in an interactive R session  
if (interactive()) {runStatTeacherAssistantApp()}
```

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