Package 'ggquickeda'

April 10, 2019

Title Quickly Explore Your Data Using 'ggplot2' and 'table1' Summary
Tables

Version 0.1.3

Description Quickly and easily perform exploratory data analysis by uploading your
data as a 'csv' file. Start generating insights using 'ggplot2' plots and
'table1' tables with descriptive stats, all using an easy-to-use point and click
'Shiny' interface.

URL https://github.com/smouksassi/ggquickeda

BugReports https://github.com/smouksassi/ggquickeda/issues

Depends R (>= 3.1.0)

Imports colourpicker, dplyr, DT, Formula, GGally, ggplot2, ggstance,
ggpmisc, ggrepel (>= 0.7.0), ggpubr, survminer, grDevices,
grid, gridExtra, Hmisc, lazyeval, markdown, methods, plotly,
quantreg, rlang, scales, shiny (>= 1.0.4), shinyjs, stats,
stringr, survival, tidyr, table1 (>= 1.1), utils

Suggests knitr, rmarkdown

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SystemRequirements pandoc with https support

LazyData true

VignetteBuilder knitr

RoxygenNote 6.1.1

NeedsCompilation no

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Repository CRAN

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R **topics documented:**

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run_ggquickeda   *Run the ggquickeda application*

Description

Run the ggquickeda application.

Usage

```
run_ggquickeda(data = NULL)
```

Arguments

data   The initial data.frame to load into the application.

Examples

```
if (interactive()) {
  run_ggquickeda()
}
```

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sample_data   *Simulated Pharmacokinetic Concentration Data*

Description

A dataset containing concentration-time data with the given dose and some subject characteristics to help in the app exploration.

Usage

```
sample_data
```

Format

A data frame with 600 rows and 10 variables

ID Subject Identifier, an integer from 1 to 150

Time Time of dose given or drug sample measured, in hours

Amt dose given at the corresponding Time, in milligrams

Conc drug concentrations in the plasma sample, in mg/L

Age age of the subject, in years

Weight weight of the subject, in kg

Gender Sex of the subject, a factor with Female and Male levels

Race Race of the subject, a factor with Asian, Black, Caucasian, Hispanic and Other levels

Dose dose group of the subject, in milligrams

AGECAT age category of the subject, a variable cutting Age into two values 0/1

Source

"sd_oral_richpk" from 'PKPDmisc' R package with an additional AGECAT variable

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