

Package ‘RtutorR’

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Type Package

Title Tutorial App for Learning R

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Description Contains functions for launching R Tutorial & Plotting Apps. The R Tutorial app provides a set of most commonly performed data manipulation tasks in R. The app structures the contents into different topics and provides an interactive & dynamic interface for navigation. The plotting app provides an automated interface for generating plots using the 'ggplot2' package. Current version of this app supports 10 different plot types along with options to manipulate specific aesthetics and controls related to each plot type.

Depends R (>= 3.1.0)

License GPL

Imports dplyr, ggplot2, shiny, shinydashboard, rmarkdown, DT, shinyBS, shinyjs, ggthemes, plotly

LazyData TRUE

RoxygenNote 5.0.1

NeedsCompilation no

Repository CRAN

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launch_plotter *Launch Plotter*

Description

Launches the plotting app

Usage

```
launch_plotter(list_of_datasets)
```

Arguments

```
list_of_datasets
```

List of datasets which should be made available for selection when the app is launched

Value

Launches App

Examples

```
## Not run:  
diamonds_sample <- ggplot2::diamonds[sample(1:nrow(diamonds),size=1000),]  
launch_plotter(list(diamonds_sample = diamonds_sample, mtcars = mtcars, iris = iris))  
## End(Not run)
```

launch_tutorial *Launch Tutorial App*

Description

Invoking this function will launch the Tutorial App; The app includes a ReadMe introduction which provides a quick overview on how to use the app

Usage

```
launch_tutorial()
```

Value

Launches app

Examples

```
# Simply invoke the function to launch the app
## Not run:
launch_tutorial()
## End(Not run)
```

```
show_tutorial_datasets
      Extract Tutorial datasets
```

Description

Extract the datasets used by the tutorial app

Usage

```
show_tutorial_datasets()
```

Value

A list object containing the tutorial datasets for each topic

Examples

```
# If you would like to extract the underlying datasets used for building the app
# you can invoke this function
show_tutorial_datasets()
```

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