Package 'datareportR'

December 19, 2025

Title Fast Data Summary Reports

Version 0.1.2

Description Generates an RMarkdown data report with two components:
a summary of an input dataset and a diff of the dataset relative to an old version.

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Encoding UTF-8

RoxygenNote 7.3.2

Depends R (>= 3.5)

Suggests tinytest, datasets, knitr

Imports diffdf, rmarkdown, skimr, rlang

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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render_data_report   *Generate a fast data report*

Description

Generate a fast data report

Usage

```
render_data_report(
  df_input,
  df_input_old = NULL,
  save_rmd_dir = NULL,
  save_report_dir = NULL,
  save_rmd_file = NULL,
  save_report_file = NULL,
  include_skim = TRUE,
  include_diffdf = TRUE,
  output_format = "html"
)
```

Arguments

df_input	data.frame or tibble. Input dataset to generate the summary report on.
df_input_old	data.frame or tibble. Old input dataset to call diffdf::diffdf() on.
save_rmd_dir	character. Path to save the .Rmd file to. Defaults to the current working directory. If NULL, does not save the report to disk.
save_report_dir	character. Path to save the report to. Defaults to the current working directory.
save_rmd_file	character. Path to save the .Rmd file to. Can be either a file name (e.g., "data_report") or a file path. If a file path is specified, it must be consistent with save_rmd_dir, if save_rmd_dir is specified. If there is no file extension in the file path, automatically appends the .Rmd extension.
save_report_file	character. Path to save the report to. Can be either a file name (e.g., "data_report") or a file path. If a file path is specified, it must be consistent with save_report_dir, if save_report_dir is specified. If there is no file extension in the file path, automatically appends an extension.
include_skim	boolean. TRUE to include the data summary with skimr::skim() in the report. FALSE to exclude.
include_diffdf	boolean. TRUE to include the data diff with diffdf::diffdf() in the report. FALSE to exclude. If df_input_old is not specified, automatically set to FALSE.
output_format	character. Output format of the data report. Defaults to "html." So far, only "pdf" and "html" are supported.

Value

An output RMarkdown report with the data summary.

Examples

```
set.seed(12345)
iris = datasets::iris
iris_permuted = iris
iris_permuted$Species <- sample(iris$Species)
render_data_report(
  df_input = iris,
  df_input_old = iris_permuted,
  save_rmd_dir = tempdir(),
  save_report_dir = tempdir(),
  include_skim = TRUE,
  include_diffdf = TRUE
)
```

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