

# Package ‘datareportR’

October 16, 2025

**Title** Fast Data Summary Reports  
**Version** 0.1  
**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.  
**License** MIT + file LICENSE  
**Encoding** UTF-8  
**RoxygenNote** 7.3.2  
**Depends** R (>= 3.5)  
**Suggests** tinytest, datasets  
**Imports** diffdf, rmarkdown, skimr  
**NeedsCompilation** no  
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**Repository** CRAN  
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render_data_report	<i>Generate a fast data report</i>
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**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**

<code>df_input</code>	data.frame or tibble. Input dataset to generate the summary report on.
<code>df_input_old</code>	data.frame or tibble. Old input dataset to call <code>diffdf::diffdf()</code> on.
<code>save_rmd_dir</code>	character. Path to save the .Rmd file to. Defaults to the current working directory. If NULL, does not save the report to disk.
<code>save_report_dir</code>	character. Path to save the report to. Defaults to the current working directory.
<code>save_rmd_file</code>	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 <code>save_rmd_dir</code> , if <code>save_rmd_dir</code> is specified. If there is no file extension in the file path, automatically appends the .Rmd extension.
<code>save_report_file</code>	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 <code>save_report_dir</code> , if <code>save_report_dir</code> is specified. If there is no file extension in the file path, automatically appends an extension.
<code>include_skim</code>	boolean. TRUE to include the data summary with <code>skimr::skim()</code> in the report. FALSE to exclude.
<code>include_diffdf</code>	boolean. TRUE to include the data diff with <code>diffdf::diffdf()</code> in the report. FALSE to exclude. If <code>df_input_old</code> is not specified, automatically set to FALSE.
<code>output_format</code>	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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