Package: pacta.portfolio.allocate (via r-universe)

September 2, 2024

Title pacta.portfolio.allocate

Version 0.0.2.9000

Description For more information visit <https://rmi.org/>.

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Depends R (>= 3.5)

Imports cli, DBI, dbplyr (>= 2.4.0), dplyr (>= 1.1.0), fs, glue, pacta.portfolio.utils, readr (>= 2.1.0), rlang, RSQLite, stringi, tibble, tidyr

Suggests callr, devtools, ggplot2, knitr, lintr, pkgdown, testthat (>= 3.0.0), withr, yaml

Remotes RMI-PACTA/pacta.portfolio.utils

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Config/testthat/edition 3

Config/Needs/website rmi-pacta/pacta.pkgdown.rmitemplate

URL https://rmi-pacta.github.io/pacta.portfolio.allocate, https://github.com/RMI-PACTA/pacta.portfolio.allocate

BugReports https://github.com/RMI-PACTA/pacta.portfolio.allocate/issues

Repository https://rmi-pacta.r-universe.dev

RemoteUrl https://github.com/rmi-pacta/pacta.portfolio.allocate

RemoteRef HEAD

RemoteSha b18e2e740dde27dc8c2cc0adef1a1da29e21fa71

Contents

`aggregate_company` *A short description of the function*

Description

A longer description of the function

Usage

```
aggregate_company(df)
```

Arguments

`df`	A description of the argument

Value

A description of the return value

`aggregate_map_data` *A short description of the function*

Description

A longer description of the function

Usage

```
aggregate_map_data(portfolio)
```

Arguments

`portfolio`	A description of the argument

Value

A description of the return value

`aggregate_portfolio` *A short description of the function*

Description

A longer description of the function

Usage

```
aggregate_portfolio(df)
```

Arguments

`df`	A description of the argument

Value

A description of the return value

calculate_scenario_alignment

A short description of the function

Description

A longer description of the function

Usage

```
calculate_scenario_alignment(df)
```

Arguments

df	A description of the argument

Value

A description of the return value

calculate_technology_share

A short description of the function

Description

A longer description of the function

Usage

```
calculate_technology_share(df)
```

Arguments

df	A description of the argument

Value

A description of the return value

calculate_weights *A short description of the function*

Description

A longer description of the function

Usage

```
calculate_weights(portfolio, portfolio_type, ...)
```

Arguments

portfolio	A description of the argument
portfolio_type	A description of the argument
...	A catch-all for deprecated variables (e.g. grouping_variables)

Value

A description of the return value

create_portfolio_subset *A short description of the function*

Description

A longer description of the function

Usage

```
create_portfolio_subset(portfolio, portfolio_type, ...)
```

Arguments

portfolio	A description of the argument
portfolio_type	A description of the argument
...	A catch-all for deprecated variables (e.g. grouping_variables)

Value

A description of the return value

get_abcd_raw — *A short description of the function*

Description

A longer description of the function

Usage

```
get_abcd_raw(
  portfolio_type,
  analysis_inputs_path,
  start_year,
  time_horizon,
  sector_list
)
```

Arguments

`portfolio_type`	A description of the argument
`analysis_inputs_path`	Path to directory containing ABCD Data files
`start_year`	Start year of the analysis
`time_horizon`	Length of the analysis in years (analysis will run from `start_year` to `start_year` + `time_horizon`)
`sector_list`	(character) A vector of PACTA sectors to include in the analysis.

Value

A description of the return value

merge_abcd_from_db — *Merge ABCD_scenario data from a database file (RDS or SQLite) with the portfolio data*

Description

Merge ABCD_scenario data from a database file (RDS or SQLite) with the portfolio data

Usage

```
merge_abcd_from_db(
  portfolio,
  portfolio_type,
  db_dir,
  equity_market_list,
  scenario_sources_list,
  scenario_geographies_list,
  sector_list,
  id_col = "id"
)
```

Arguments

`portfolio`	A data frame containing the processed portfolio data
`portfolio_type`	A single string specifying the type of assets in the portfolio
`db_dir`	A single string specifying the path to the directory that contains the database file
`equity_market_list`	A character vector of equity markets to be included
`scenario_sources_list`	A character vector of scenario sources to be included
`scenario_geographies_list`	A character vector of senario geographies to be included
`sector_list`	A character vector of sectors to be included
`id_col`	A single string specifying the name of the id column in the portfolio data

Value

A data frame contianing the portfolio data with the merged ABCD_scenario data

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`merge_in_geography` *A short description of the function*

Description

A longer description of the function

Usage

```
merge_in_geography(portfolio, ald_raw, sector_list)
```

Arguments

`portfolio`	A description of the argument
`ald_raw`	A description of the argument
`sector_list`	(character) A vector of PACTA sectors to include in the analysis.

Value

A description of the return value

`ownership_allocation` *A short description of the function*

Description

A longer description of the function

Usage

```
ownership_allocation(portfolio)
```

Arguments

`portfolio` A description of the argument

Value

A description of the return value

`port_weight_allocation` *A short description of the function*

Description

A longer description of the function

Usage

```
port_weight_allocation(port_abcd)
```

Arguments

`port_abcd` A description of the argument

Value

A description of the return value

pw_calculations *A short description of the function*

Description

A longer description of the function

Usage

```
pw_calculations(eq_portfolio, cb_portfolio, ...)
```

Arguments

eq_portfolio	A description of the argument
cb_portfolio	A description of the argument
...	A catch-all for deprecated variables (e.g. grouping_variables)

Value

A description of the return value

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