

# Package ‘readSumHumData’

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**Type** Package

**Title** readSumHumData

**Version** 0.1.0

**Author** Shikan Chen & 23202508

**Maintainer** Shikan Chen <shikan.chen@ucdconnect.ie>

**Description** This package provides several functions that simplify and speed up the process of data cleaning and analysis for HDI Data. It includes functions for producing summary statistics and visualizations.

**License** MIT

**Encoding** UTF-8

**LazyData** true

**Suggests** testthat (>= 3.0.0)

**Config/testthat/edition** 3

**RoxygenNote** 7.3.2

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plot_hdiData	<i>Plot Method for HDI Data</i>
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## Description

Generates 4 plots for value, country, index and year range.

## Usage

```
plot_hdiData(x)
```

**Arguments**

x                      An 'hdiData' object

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print_hdiData	<i>Print Method for HDI Data</i>
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**Description**

Prints the HDI data in a user-friendly format.

**Usage**

```
print_hdiData(x)
```

**Arguments**

x                      An 'hdiData' object

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read_hdi	<i>Read HDI Data</i>
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**Description**

This function reads an HDI data file for a specified country, processes the data, and returns an object of class 'hdi\_data'. It ensures that columns are displayed nicely and variables have the correct class.

**Usage**

```
read_hdi(country_code)
```

**Arguments**

country\_code      The name of the country for which to load the data, used to construct the file name.

**Value**

A data frame of class 'hdi\_data' with properly formatted columns and data types.

**Examples**

```
hdi_data <- read_hdi("irl")
```

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summary\_hdiData*Summary Method for HDI Data*

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**Description**

Provides a statistical summary of the HDI data.

**Usage**

```
summary_hdiData(x)
```

**Arguments**

x                      An 'hdiData' object

**Value**

A summary of the HDI data values.

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