

# Package ‘describer’

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**Title** Describe Data in R Using Common Descriptive Statistics

**Version** 0.2.0

**Description** Allows users to quickly and easily describe data using common descriptive statistics.

**URL** <https://github.com/paulhendricks/describer>

**BugReports** <https://github.com/paulhendricks/describer/issues>

**Depends** R (>= 3.1.2)

**License** MIT + file LICENSE

**LazyData** true

**Suggests** dplyr, testthat, lintr

**NeedsCompilation** no

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**Repository** CRAN

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describe

*Describe atomic vectors or data.frames.*

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**Description**

describe takes vectors and data.frames and returns a data.frame containing important descriptive statistics.

**Usage**

```
describe(.x)

## S3 method for class 'numeric'
describe(.x)

## S3 method for class 'character'
describe(.x)

## S3 method for class 'data.frame'
describe(.x)

## Default S3 method:
describe(.x)
```

**Arguments**

.x                    a vector or data.frame to be described.

**Value**

a data.frame containing important descriptive statistics.

**Methods (by class)**

- numeric: Method for numeric.
- character: Method for character.
- data.frame: Method for data.frames.
- default: Method for default.

**Examples**

```
# Example
describe(mtcars)
describe(iris)
describe(state.name)
```

---

describer                    *describer: Describe Data in R Using Common Descriptive Statistics*

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**Description**

describer: Describe Data in R Using Common Descriptive Statistics

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describe\_nonnumeric    *Describe non-numeric atomic vectors.*

---

**Description**

describe\_nonnumeric takes non-numeric atomic vectors and returns a data.frame containing important descriptive statistics.

**Usage**

```
describe_nonnumeric(.x)
```

**Arguments**

.x                    a non-numeric atomic vector to be described.

**Value**

a data.frame containing important descriptive statistics.

**Examples**

```
# Example
describe_nonnumeric(letters)
```

---

describe\_numeric        *Describe numeric atomic vectors.*

---

**Description**

describe\_numeric takes numeric vectors and returns a data.frame containing important descriptive statistics.

**Usage**

```
describe_numeric(.x)
```

**Arguments**

`.x` a numeric atomic vector or data.frame to be described.

**Value**

a data.frame containing important descriptive statistics.

**Examples**

```
# Example  
describe_numeric(1:100)
```

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