

# Package: roundyh (via r-universe)

August 23, 2024

**Type** Package

**Title** Round Dataframe

**Version** 0.1.0

**Description** A simple rounding function. The default round() function in R uses the IEC 60559 standard and therefore it rounds 0.5 to 0 and rounds -1.5 to -2. The roundx() function accounts for this and helps to round 0.5 up to 1.

**License** MIT + file LICENSE

**Encoding** UTF-8

**RoxygenNote** 7.2.3

**Suggests** spelling, testthat (>= 3.0.0)

**Config/testthat/edition** 3

**Language** en-US

**Depends** R (>= 3.5.0)

**NeedsCompilation** no

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**Repository** <https://duanyh16.r-universe.dev>

**RemoteUrl** <https://github.com/cran/roundyh>

**RemoteRef** HEAD

**RemoteSha** 8bf7693ee5b4560b68346f46e9b9ad051aa0d8c3

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|--------|----------------------------|
| roundx | <i>A rounding function</i> |
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**Description**

A rounding function

**Usage**

```
roundx(n, dp)
```

**Arguments**

|    |                           |
|----|---------------------------|
| n  | a number to round         |
| dp | decimal place to round to |

**Value**

rounded number

**Examples**

```
roundx(10.111, 1)
```

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|           |   |
|-----------|---|
| roundx_df | <i>Applying the rounding function to all numeric values of dataframe while excluding characters</i> |
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**Description**

Applying the rounding function to all numeric values of dataframe while excluding characters

**Usage**

```
roundx_df(df, dp)
```

**Arguments**

|    |                           |
|----|---------------------------|
| df | a dataframe               |
| dp | decimal place to round to |

**Value**

a dataframe

**Examples**

```
roundx_df(data.frame(c(1.111, 1, 1.11), c(1, 1, 1), c("a", "b", "c")), 1)
```

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