How can I remove spaces from strings in R?

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Removing spaces from strings in R can be achieved using the "gsub" function. This function allows you to replace specific characters, such as spaces, in a string with another character or remove them entirely. By using the correct syntax and specifying the space character, you can easily remove spaces from your strings in R. This can be useful for cleaning and formatting data, as well as for various other data analysis tasks.

Remove Spaces from Strings in R (3 Examples)

You can use the following methods to remove white spaces from strings in R:

Method 1: Remove All Whitespaces Using gsub()

updated_string <- gsub(" ", "", my_string)

Method 2: Remove All Whitespaces Using str_replace_all()

library(stringr)

updated_string <- str_replace_all(my_string, " ", "")

Method 3: Remove Leading & Trailing Whitespaces Using str_trim()

library(stringr)

#remove all trailing whitespace

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```
updated_string <- str_trim(my_string, "right")

#remove all leading whitespace
updated_string <- str_trim(my_string, "left")
```

The following examples show how to use each method in practice.

Example 1: Remove All Whitespaces Using gsub()

The following code shows how to use the gsub() function from base R to remove all whitespaces from a given string:

```
#create string
my_string <- "Check out this cool string"

#remove all whitespace from string
updated_string <- gsub(" ", "", my_string)

#view updated string
updated_string

"Checkoutthiscoolstring"
```

Notice that all whitespaces have been removed from the

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string.

Example 2: Remove All Whitespaces Using str_replace_all()

The following code shows how to use the str_replace_all() function from the package in R to remove all whitespaces from a given string:

```
library(stringr)

#create string
my_string <- "Check out this cool string"

#remove all whitespace from string
updated_string <- str_replace_all(my_string, " ", "")

#view updated string
updated_string

"Checkoutthiscoolstring"
```

Notice that all whitespaces have been removed from the string.

Example 3: Remove Leading & Trailing Whitespaces Using str_trim()

```
library(stringr)
```

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```
#create string with leading whitespace
my_string <- " Check out this cool string"

#remove all leading whitespace from string
updated_string <- str_trim(my_string, "left")

#view updated string
updated_string

"Check out this cool string"
```

Notice that all of the leading whitespace has been removed.

The following code shows how to use the str_trim() function to remove all trailing whitespace from a given string:

```
library(stringr)

#create string with trailing whitespace
my_string <- "Check out this cool string "

#remove all trailing whitespace from string
updated_string <- str_trim(my_string, "right")
```

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#view updated string

updated_string

"Check out this cool string"

Notice that all of the trailing whitespace has been removed.

Additional Resources

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