

# Fundamentals of String Manipulation: Takeaways



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## Syntax

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### SUBSETTING A STRING

- Subset from left to right by position:

```
str_sub(string, 1, 3)
```

- Subset from right to left by position:

```
str_sub(string, -3, -1)
```

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### SPLITTING A STRING

- Return a list:

```
str_split(string, " ")
```

- Return a matrix:

```
str_split(string, " ", simplify = TRUE)
```

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### COMBINING STRINGS

- Combine multiple strings:

```
str_c(string_1, string_2, sep = " ")
```

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### PADDING A STRING

- Pad a string to a length of two characters by adding 0 to the left:

```
str_pad(string, 2, side = "left", pad = "0")
```

## Concepts

- When working with character strings, spaces count as characters.
- Functions in the stringr package have consistent syntax: All begin with the prefix "str\_".

## Resources

- [Wikipedia article on string data](#)
- [stringr CRAN documentation](#)
- [stringr tidyverse documentation](#)



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