

# Package ‘SQLFormatter’

July 21, 2025

**Title** Format SQL Queries

**Version** 0.0.2

**Description** A convenient interface for formatting 'SQL' queries directly within 'R'. It acts as a wrapper around the 'sql\_format' Rust crate. The package allows you to format 'SQL' code with customizable options, including indentation, case formatting, and more, ensuring your 'SQL' queries are clean, readable, and consistent.

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**URL** <https://dataupsurge.github.io/SQLFormatter/>,  
<https://github.com/dataupsurge/SQLFormatter>

**BugReports** <https://github.com/dataupsurge/SQLFormatter/issues>

**Imports** assertthat

**Suggests** covr (>= 3.6.4), docopt (>= 0.7.1), git2r (>= 0.35.0),  
jsonlite (>= 1.8.9), lintr (>= 3.1.2), optparse (>= 1.7.5),  
precommit (>= 0.4.3), rextendr (>= 0.3.1), roxygen2 (>= 7.3.2),  
styler (>= 1.10.3), testthat (>= 3.0.0)

**Config/rextendr/version** 0.3.1.9001

**Config/SQLFormatter/MSRV** 1.78.0

**Config/testthat/edition** 3

**Encoding** UTF-8

**RoxygenNote** 7.3.2

**SystemRequirements** Cargo (Rust's package manager), rustc >= 1.78.0

**Depends** R (>= 4.2)

**NeedsCompilation** yes

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**Repository** CRAN

**Date/Publication** 2025-04-13 06:30:01 UTC

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sql_format	<i>Format an SQL Query</i>
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### Description

This function formats an SQL query based on various styling options.

### Usage

```
sql_format(
  query,
  indent = 2L,
  uppercase = TRUE,
  lines_between_queries = 1L,
  ignore_case_convert = NULL
)
```

### Arguments

query	A character string containing the SQL query to format.
indent	An integer specifying the number of spaces for indentation (default: 2).
uppercase	A logical value indicating whether SQL keywords should be converted to uppercase (default: TRUE).
lines_between_queries	An integer specifying the number of blank lines between queries (default: 1).
ignore_case_convert	A logical value indicating whether to case conversion (default: NULL).

### Value

A formatted SQL query as a character string.

### Examples

```
formatted_query <- sql_format("SELECT * FROM users WHERE id = 1")
cat(formatted_query)
```

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