

Ctrl_S

```
library(readr)          # For data reading operations
```

Warning: package 'readr' was built under R version 4.3.2

```
library(readxl)         # For reading Excel files
```

Warning: package 'readxl' was built under R version 4.3.2

```
library(utf8)           # For UTF-8 text processing
```

Warning: package 'utf8' was built under R version 4.3.2

```
library(ggplot2)        # For data visualization
```

Warning: package 'ggplot2' was built under R version 4.3.2

```
library(tidyverse)      # For data manipulation and visualization
```

Warning: package 'tidyverse' was built under R version 4.3.2

Warning: package 'dplyr' was built under R version 4.3.2

Warning: package 'stringr' was built under R version 4.3.2

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
```

```
v dplyr      1.1.4      v stringr    1.5.1
```

```
v forcats   1.0.0      v tibble     3.2.1
```

```
v lubridate 1.9.3      v tidyr      1.3.0
```

```
v purrr     1.0.2
```

```
-- Conflicts ----- tidyverse_conflicts() --
```

```
x dplyr::filter() masks stats::filter()
```

```
x dplyr::lag()     masks stats::lag()
```

```
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
library(hrbrthemes)    # Additional themes and theme components for ggplot2
```

Warning: package 'hrbrthemes' was built under R version 4.3.2

NOTE: Either Arial Narrow or Roboto Condensed fonts are required to use these themes.
Please use `hrbrthemes::import_roboto_condensed()` to install Roboto Condensed and
if Arial Narrow is not on your system, please see <https://bit.ly/arialnarrow>

```
library(ggthemes)      # Additional themes and color palettes for ggplot2
```

Warning: package 'ggthemes' was built under R version 4.3.2

```
library(patchwork)     # For combining ggplot2 graphics
```

Warning: package 'patchwork' was built under R version 4.3.2

```
library(tidyr)          # For data cleaning  
library(openxlsx)       # For reading and writing Excel files
```

Warning: package 'openxlsx' was built under R version 4.3.2

```
library(lubridate)      # For date and time operations
```

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