

# Importing Data from Google Sheets



Getting Data



survey



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**Redo (⌘Y)**

	A	B	C	D	E	F	G	H	I
1	name	hrs_working	hrs_sleeping	hrs_fun	hrs_eating	hrs_socializing	hrs_other		
2									
3									
4									
5									
6									
7									
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9									
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# survey



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	A	B	C	D	E	F	G	
1	name	hrs_working	hrs_sleeping	hrs_fun	hrs_eating	hrs_socializing	hrs_other	
2	Damon	9	7	1	1	2	4	
3	Lilly	7	8	2	1	1	5	
4	Will	8	8	0	2	2	4	
5	Aisha	8	6	2	1	4	3	
6	Hassan	6	9	3	2	2	2	
7								
8								



```
install.packages("googlesheets")  
library(googlesheets)
```



```
gs_auth(new_user = TRUE)
```



Sign in with Google

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 Sign in with Google

## tidyverse-googleheets wants to access your Google Account

This will allow tidyverse-googleheets to:



View and manage the files in your Google Drive



View and manage your spreadsheets in Google Drive



### Allow tidyverse-googleheets to do this?

By clicking Allow, you allow this app to use your information in accordance to their terms of service and privacy policies. You can view or remove app access in your [Google Account](#)

CANCEL

ALLOW

<code>gs_ls()</code>	Lists Google Sheets
<code>gs_title()</code>	Identifies (and registers) Google Sheet by name



Console

Terminal x

Jobs x



/cloud/project/ 



```
> survey_sheet <- gs_title("survey")
```

Sheet successfully identified: "survey"

```
>
```

|







/cloud/project/ ↗



```
> survey_sheet <- gs_title("survey")
```

```
Sheet successfully identified: "survey"
```

```
>
```

```
> survey_data <- gs_read(survey_sheet)
```

```
Accessing worksheet titled 'Sheet1'.
```

```
Downloading: 140 B      Parsed with column specification:
```

```
cols(
```

```
  name = col_character(),
```

```
  hrs_working = col_integer(),
```

```
  hrs_sleeping = col_integer(),
```

```
  hrs_fun = col_integer(),
```

```
  hrs_eating = col_integer(),
```

```
  hrs_socializing = col_integer(),
```

```
  hrs_other = col_integer()
```

```
)
```

```
>
```

<code>skip</code>	Gives the range of cells that we like to import.
<code>ws</code>	Specifies number of worksheet in Google Sheet to access
<code>col_names</code>	Specifies whether the first row in your Google Sheet contains column names
<code>range</code>	Specifies the range of cells to import
<code>n_max</code>	Limits the number of rows that we want to import



```
> my_response <- c("Me", 10, 8, 2, 2, 1, 1)
> gs_add_row(survey_sheet, input = my_response)
```

Row successfully appended.



survey



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	A	B	C	D	E	F	G
1	name	hrs_working	hrs_sleeping	hrs_fun	hrs_eating	hrs_socializing	hrs_other
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4	Will	8	8	0	2	2	4
5	Aisha	8	6	2	1	4	3
6	Hassan	6	9	3	2	2	2
7	Me	10	8	2	2	1	1
8							

new row has been added automatically!

```
> gs_edit_cells(survey_sheet, anchor = "D4", input = 2)
```

Range affected by the update: "R4C4:R4C4"

Worksheet "Sheet1" successfully updated with 1 new value(s).

