

How can I move a file from one folder to another in R?

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Moving a file from one folder to another in R can be achieved using the function "file.rename()". This function takes two arguments, the current path of the file and the new path where the file should be moved. The file will be moved from its current location to the new location specified. This process can be used to organize files and data within a project or to transfer files between folders. It is a simple and efficient way to manage files in R.

Move File from One Folder to Another in R

You can use the following methods to move a file from one folder to another in R:

Method 1: Move File from One Folder to Another (And Keep Original File)

```
file.copy(from="C:/Users/bob/Documents/current_data/soccer_data.csv",  
to="C:/Users/bob/Documents/new_data/soccer_data.csv")
```

This particular syntax copies a file called soccer_data.csv located in the following folder:

C:/Users/bob/Documents/current_data

Then this file is copied into the following folder:

C:/Users/bob/Documents/new_data

Since we used the `file.copy()` function, the original file is still kept in the folder it came from.

Method 2: Move File from One Folder to Another (And Delete Original File)

```
file.rename(from="C:/Users/bob/Documents/current_data/soccer_data.csv",  
to="C:/Users/bob/Documents/new_data/soccer_data.csv")
```

This particular syntax copies a file called `soccer_data.csv` located in the following folder:

`C:/Users/bob/Documents/current_data`

Then this file is copied into the following folder:

`C:/Users/bob/Documents/new_data`

Since we used the `file.rename()` function, the original file is deleted from the folder it came from.

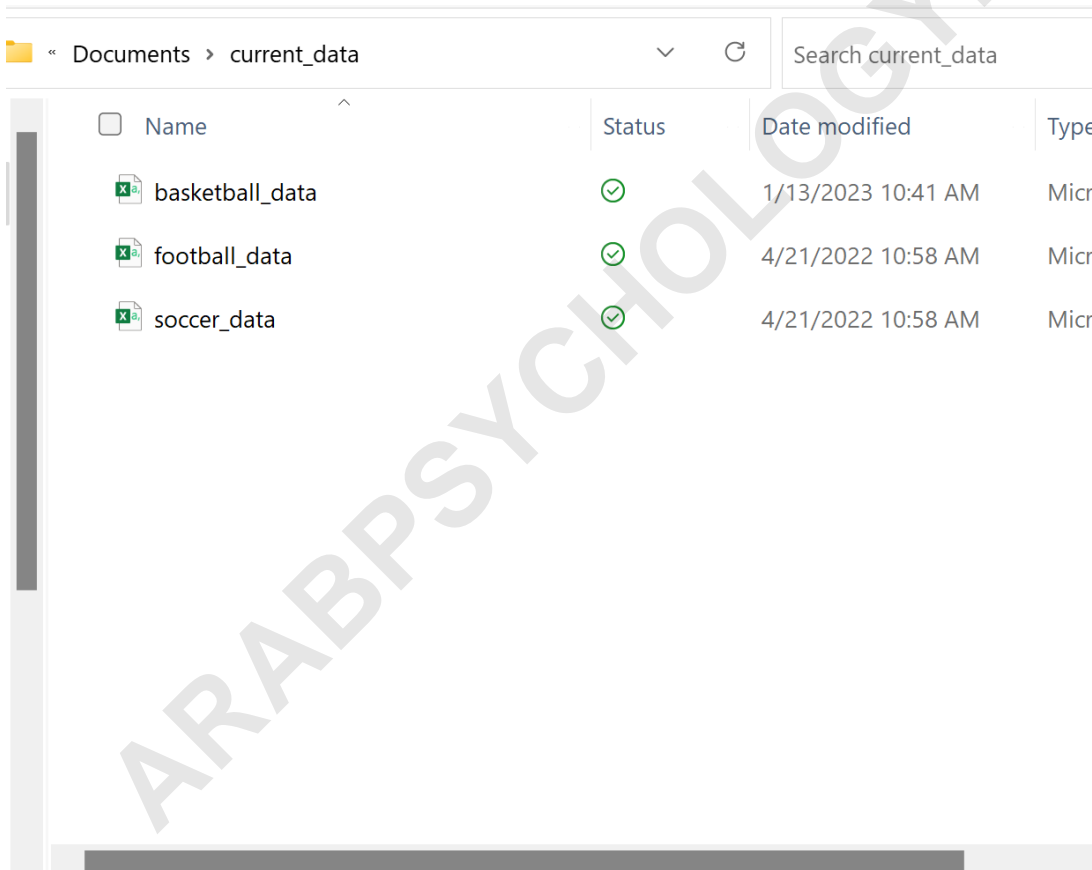
The following examples show how to use each method in practice.




Example 1: Move File in R (And Keep Original File)

Suppose we want to move a file called `soccer_data.csv` located in the following folder:

`C:/Users/bob/Documents/current_data`

The folder currently has three files in it:



Name	Status	Date modified	Type
 basketball_data	✓	1/13/2023 10:41 AM	Micr
 football_data	✓	4/21/2022 10:58 AM	Micr
 soccer_data	✓	4/21/2022 10:58 AM	Micr

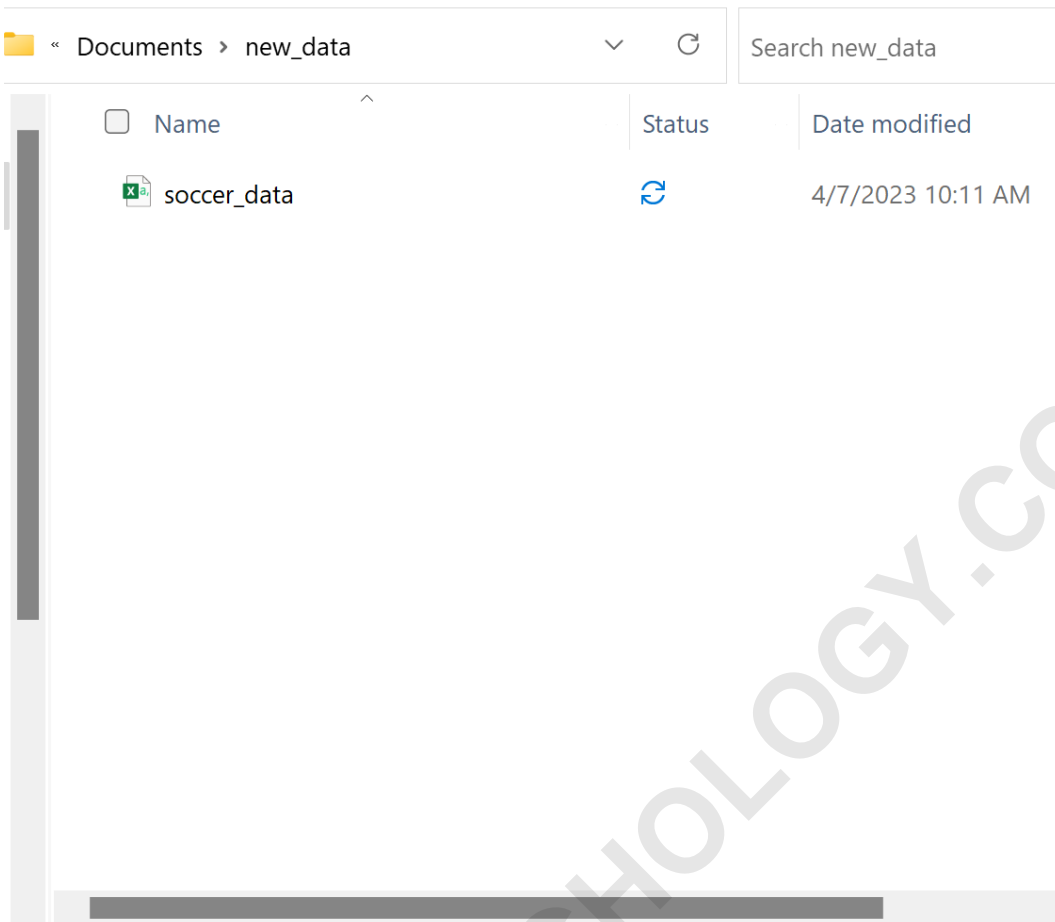
We can use the following syntax in R to move `soccer_data.csv` into a new folder called `new_data`:

```
file.copy(from="C:/Users/bob/Documents/current_data/  
soccer_data.csv",  
to="C:/Users/bob/Documents/new_data/soccer_data.csv")
```

TRUE

The `file.copy()` function returns a value of **TRUE**, which tells us it worked.

If we open the `new_data` folder, we can see that the `soccer_data.csv` file has indeed been copied into it:



And if we return to the folder where the file came from, we will see that it still exists there.

Note: If either of the file paths is incorrect, the `file.copy()` function will instead return a value of `FALSE`.

Example 2: Move File in R (And Delete Original File)

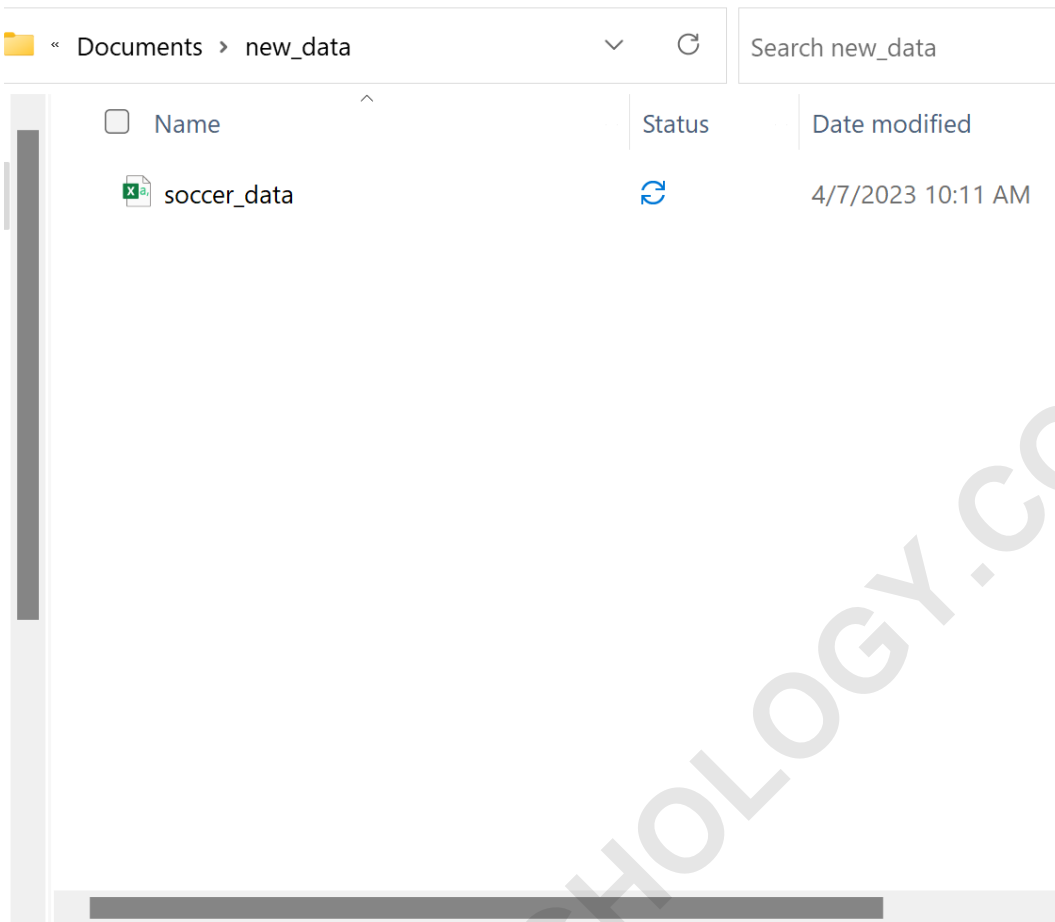
We can use the following syntax in R to move `soccer_data.csv` into a new folder called `new_data` and delete the original file:

```
file.rename(from="C:/Users/bob/Documents/current_data/soccer_data.csv",  
to="C:/Users/bob/Documents/new_data/soccer_data.csv")
```

TRUE

The `file.rename()` function returns a value of **TRUE**, which tells us it worked.

If we open the `new_data` folder, we can see that the `soccer_data.csv` file has indeed been copied into it:



And if we return to the folder where the file came from, we will see that it has been deleted from that folder:

