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Laboratorio_29_dplyr

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Elaborado por la alumna JESSICA PAOLA AGUILAR SERVIN.

Excluir valores perdidos de los análisis How to sum a variable by group in R

Cargar datos 2013

```
library(data.table)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'
```

```
## The following objects are masked from 'package:data.table':
##
## between, first, last
```

```
## The following objects are masked from 'package:stats':
##
## filter, lag
```

```
## The following objects are masked from 'package:base':
##
## intersect, setdiff, setequal, union
```

SUMA DE VARIABLES DE ACUERDO AL GRUPO QUE PERTENEZCA RUTA DE DATOS

```
choose.files()
```

```
## character(0)
```

```
data2013 <- read.csv("C:\\Users\\gusta\\OneDrive\\Documents\\GitHub\\JPAS_LAB29\\INPUT\\greenR_2013.csv")
data2013 <- as.data.table(data2013)
```

Para saber que clase de datos son

```
class(data2013)
```

```
## [1] "data.table" "data.frame"
```

Suma de variables DATOS AGRUPADOS

```
resultados2013 <- data2013 %>%
  group_by(location_name) %>%
  summarise(suma_GCI_2013 = sum(GCI_2013, na.rm = T),
            suma_GP_SINVCR = sum(GP_SINVCR, na.rm = T),
            suma_GCP_2013 = sum(GCP_2013, na.rm = T),
            count = n())
```

EXPORTAR RESULTADOS

```
write.csv(data2013, file = "LAB29_DATA2013.csv")
write.csv(resultados2013, file = "LAB29_RESULTADOS2013.csv")
```