

Desafio - 01

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2025-08-07

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```
library(readr)
```

```
inicio <- Sys.time()
```

```
flights <- read_csv(unz('../dados/flights.csv.zip', 'flights.csv'))
```

```
fim <- Sys.time()
```

```
fim - inicio
```

```
## Time difference of 1.243217 mins
```

```
inicio <- Sys.time()
```

```
flights1 <- read_csv('../dados/flights.csv.zip', 'flights.csv')
```

```
## Rows: 5819080 Columns: 31
```

```
## -- Column specification -----
```

```
## Delimiter: ","
```

```
## chr (31): flights.csv, X2, X3, X4, X5, X6, X7, X8, X9, X10, X11, X12, X13, X...
```

```
##
```

```
## i Use `spec()` to retrieve the full column specification for this data.
```

```
## i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

```
fim <- Sys.time()
```

```
fim - inicio
```

```
## Time difference of 50.7759 secs
```

```
import pandas as pd
```

```
import time
```

```
ini = time.time()
```

```
flights3 = pd.read_csv("../dados/flights.csv.zip",compression="zip",header=0,sep=",", low_memory=False)
```

```
fim = time.time()
```

```
fim - ini
```

```
## 27.027726888656616
```