

RStudio interface showing a data frame with columns: FECHA_ACTUALIZACION, ID_REGISTRO, ORIGEN, SECTOR, ENTIDAD_UN, SEXO, ENTIDAD_NAC, ENT. The console shows R code for data manipulation and a warning message.

```
R 4.2.2 > #>
Defining:
chr (7): ID_REGISTRO, ENTIDAD_UN, ENTIDAD_NAC, ENTIDAD_RES, MUNICIPIO_RES, PAI...
dbl (20): ORIGEN, SECTOR, SEXO, TIPO_PACIENTE, INTUBADO, NEUMONIA, EDAD, NACION...
dat (4): FECHA_ACTUALIZACION, FECHA_INGRESO, FECHA_SINTOMAS, FECHA_DEF

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.
warning message:
one or more parsing issues. call 'problems()' on your data frame for details. e.g.:
dat <- vroom(...)
problems(dat)
> view(datos_covid)
> dim(datos_covid)
[1] 8607859      40
```

RStudio interface showing the same data frame. The console shows R code for data manipulation and a warning message.

```
R 4.2.2 > #>
Defining:
chr (7): ID_REGISTRO, ENTIDAD_UN, ENTIDAD_NAC, ENTIDAD_RES, MUNICIPIO_RES, PAI...
dbl (20): ORIGEN, SECTOR, SEXO, TIPO_PACIENTE, INTUBADO, NEUMONIA, EDAD, NACION...
dat (4): FECHA_ACTUALIZACION, FECHA_INGRESO, FECHA_SINTOMAS, FECHA_DEF

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.
warning message:
one or more parsing issues. call 'problems()' on your data frame for details. e.g.:
dat <- vroom(...)
problems(dat)
> view(datos_covid)
> dim(datos_covid)
[1] 8607859      40
```

The screenshot shows the RStudio environment with the following components:

- Console:** Displays the command `summary(datos_covid)` and its output, which is a summary of the dataset's variables.
- Environment:** Shows the loaded datasets: `datos_covid` (6607859 obs. of 40 variables) and `X230134Cov1019MEX` (6607859 obs. of 40 variables).
- Files:** Shows the file `datos_covid.csv` (1 GB) located in the `~/Documents` directory.

The summary output in the console is as follows:

```

summary(datos_covid)
  FECHA_ACTUALIZACION ID_REGISTRO ORIGEN SECTOR
  Min.   :2023-01-24   Length:6607859   Min.   :1.000   Min.   :1.000
  1st Qu.:2023-01-24   Class :character   1st Qu.:12.000   1st Qu.:4.000
  Median :2023-01-24   Mode  :character   Median :12.000   Median :3.000
  Mean   :2023-01-24           Mean :11.768   Mean :7.844
  3rd Qu.:2023-01-24           3rd Qu.:12.000   3rd Qu.:12.000
  Max.   :2023-01-24           Max.   :12.000   Max.   :99.000

  ENTIDAD_ORI SEXO ENTIDAD_DEST ENTIDAD_DEST
  Length:6607859   Min.   :1.000   Length:6607859   Length:6607859
  Class :character   1st Qu.:13.000   Class :character   Class :character
  Mode  :character   Median :13.000   Mode  :character   Mode  :character
  3rd Qu.:13.000
  Max.   :12.000

  MUNICIPIO_DEST TIPO_PACIENTE FECHA_INGRESO FECHA_SINTOMAS
  Length:6607859   Min.   :1.000   Min.   :2022-01-01   Min.   :2022-01-01
  Class :character   1st Qu.:1.000   1st Qu.:2022-01-22   1st Qu.:2022-01-20
  Mode  :character   Median :1.000   Median :2022-01-11   Median :2022-01-10
  3rd Qu.:1.000   Mean   :1.042   Mean   :2022-01-11   Mean   :2022-01-09
  Max.   :2.000   3rd Qu.:2022-07-22   3rd Qu.:2022-07-20
  Max.   :2.000   Max.   :2023-01-23   Max.   :2023-01-23

  FECHA_DEF INTIMIDAD NEUMONIA EDAD
  Min.   :2022-01-01   Min.   :1.00   Min.   :1.000   Min.   :0.00
  1st Qu.:2022-02-01   1st Qu.:97.00   1st Qu.:2.000   1st Qu.:25.00
  Median :2022-02-22   Median :97.00   Median :2.000   Median :26.00
  Mean   :2022-04-20   Mean :95.04   Mean :2.959   Mean :37.38
  3rd Qu.:2022-07-13   3rd Qu.:97.00   3rd Qu.:2.000   3rd Qu.:49.00
  Max.   :2023-01-23   Max.   :99.00   Max.   :99.000   Max.   :106.00
  NA's   :6586002

  NACIONALIDAD EMBARAZO HABLALINGUA_INDIC INDIGENA

```

El comando Summary muestra el mínimo, media mediana y máxima de los datos en cada columna