Ejercicio 10

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#Cargamos la base de datos:

library(tidyverse)

## Warning: package 'tidyverse' was built under R version 4.1.3

## Warning: package 'tibble' was built under R version 4.1.3

## Warning: package 'forcats' was built under R version 4.1.3

## -- Attaching core tidyverse packages ------------------------ tidyverse 2.0.0 --  
## v dplyr 1.1.4 v readr 2.1.5  
## v forcats 1.0.0 v stringr 1.5.1  
## v ggplot2 3.5.0 v tibble 3.2.1  
## v lubridate 1.9.3 v tidyr 1.3.1  
## v purrr 1.0.2   
## -- Conflicts ------------------------------------------ tidyverse\_conflicts() --  
## x dplyr::filter() masks stats::filter()  
## x dplyr::lag() masks stats::lag()  
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors

library(rio)

``` r  
base\_registros\_medicos <- import("base\_registros\_medicos.csv")

#Limpiamos la base, en este codigo de filtran lo que son las fechas invalidas que no siguen el formato #YYYY-#MM-#DD

is\_valid\_date <- function(date) {  
 grepl("^\\d{4}-\\d{2}-\\d{2}$", date)  
}  
  
base\_registros\_medicos <- base\_registros\_medicos %>%  
 filter(is\_valid\_date(fecha\_admision) & (is.na(fecha\_alta) | is\_valid\_date(fecha\_alta))) %>%  
 mutate(  
 fecha\_admision = as.Date(fecha\_admision),  
 fecha\_alta = as.Date(fecha\_alta)  
 )

#Ahora vamos a filtrar los numeros negativos de la variable id\_registro

Id\_registro\_no\_valido <- base\_registros\_medicos %>%  
 filter(id\_registro < 0)  
base\_registros\_medicos<- base\_registros\_medicos %>%  
 filter(id\_registro >= 0)

#filtramos los valores NA(no registrados)

id\_clientes\_no\_registrados <- base\_registros\_medicos %>%  
 filter(id\_paciente < 0 & !is.na(id\_paciente))  
  
base\_registros\_medicos <- base\_registros\_medicos %>%  
 filter(id\_paciente >= 0 & !is.na(id\_paciente))  
  
costo\_no\_registrados <- base\_registros\_medicos %>%  
 filter(is.na(costo))  
  
base\_registros\_medicos <- base\_registros\_medicos %>%  
 filter(!is.na(costo))  
  
diagnostico\_no\_registrados <- base\_registros\_medicos %>%  
 filter(is.na(diagnostico))  
  
base\_registros\_medicos <- base\_registros\_medicos %>%  
 filter(!is.na(diagnostico))  
  
estado\_no\_registrados <- base\_registros\_medicos %>%  
 filter(is.na(estado))  
  
base\_registros\_medicos <- base\_registros\_medicos %>%  
 filter(!is.na(estado))

#Mostramos los pacientes dados de alta

pacientes\_alta <- base\_registros\_medicos %>%  
 filter(estado == "Alta")  
print(pacientes\_alta)

## id\_registro id\_paciente fecha\_admision fecha\_alta costo diagnostico  
## 1 290 158 2022-10-15 2021-09-18 13363.47 COVID-19  
## 2 310 44 2022-09-11 2022-10-09 28769.98 Fractura  
## 3 440 284 2020-07-24 2020-03-15 27822.85 Fractura  
## 4 4 201 2022-06-10 2022-02-03 49857.05 Gastritis  
## 5 255 38 2020-07-05 2021-04-06 1274.18 Fractura  
## 6 7 177 2022-07-07 2023-03-01 5472.43 COVID-19  
## 7 484 79 2021-05-14 2023-09-08 12980.31 COVID-19  
## 8 240 12 2023-06-09 2021-02-28 35784.74 Gastritis  
## 9 276 287 2023-04-11 2021-03-14 19565.76 Fractura  
## 10 481 282 2022-01-24 2021-01-04 15133.09 COVID-19  
## 11 204 130 2020-09-24 2023-10-20 24504.14 COVID-19  
## 12 349 209 2021-12-27 2022-04-19 23685.08 Gastritis  
## 13 380 195 2021-12-28 2023-01-10 11592.39 NeumonÃ­a  
## 14 272 109 2023-10-05 2023-11-22 4475.85 Gastritis  
## 15 405 51 2020-03-01 2020-07-09 4536.56 NeumonÃ­a  
## 16 134 243 2023-05-20 2021-05-19 18267.37 Fractura  
## 17 364 113 2023-12-19 2021-12-15 25905.81 Fractura  
## 18 115 278 2020-03-12 2020-07-29 7731.46 Fractura  
## 19 77 66 2022-09-13 2021-05-29 34047.57 Gastritis  
## 20 96 121 2021-09-27 2023-12-07 22883.78 Gastritis  
## 21 36 77 2023-11-06 2020-05-02 44174.46 Fractura  
## 22 342 190 2022-02-22 2020-06-22 6252.94 Fractura  
## 23 14 227 2022-05-15 2023-02-24 5253.45 NeumonÃ­a  
## 24 412 116 2022-01-15 2022-10-22 44899.36 Gastritis  
## 25 71 67 2022-09-09 2020-06-01 14565.03 Gastritis  
## 26 275 18 2020-07-04 2020-06-14 28624.23 Fractura  
## 27 335 51 2020-11-26 2020-10-24 20348.74 NeumonÃ­a  
## 28 114 71 2021-03-28 2020-11-12 28283.46 COVID-19  
## 29 273 58 2021-03-07 2022-07-05 1892.04 Gastritis  
## 30 17 68 2022-09-16 2022-08-11 6707.64 COVID-19  
## 31 246 134 2022-03-25 2022-10-02 20181.34 Fractura  
## 32 4 77 2020-09-29 2022-07-13 39619.15 NeumonÃ­a  
## 33 200 288 2023-10-11 2020-10-17 40873.58 NeumonÃ­a  
## 34 251 244 2020-04-24 2020-03-26 1233.44 Gastritis  
## 35 294 99 2022-02-28 2021-03-29 35526.84 Fractura  
## 36 464 263 2021-08-15 2022-11-16 24644.85 Gastritis  
## 37 86 222 2020-10-29 2023-01-15 32760.99 Gastritis  
## 38 196 214 2020-01-05 2023-12-21 20150.94 COVID-19  
## 39 397 138 2020-09-14 2020-02-19 2013.25 NeumonÃ­a  
## 40 406 92 2020-10-20 2021-05-12 21784.35 NeumonÃ­a  
## 41 202 77 2021-03-06 2022-11-28 46174.32 NeumonÃ­a  
## 42 40 83 2021-08-27 2020-08-15 15817.91 Gastritis  
## 43 236 117 2021-12-06 2023-12-22 27760.10 COVID-19  
## 44 69 266 2021-08-13 2023-11-10 28045.92 COVID-19  
## 45 370 64 2021-11-10 2020-12-19 11739.64 COVID-19  
## 46 272 260 2022-10-04 2021-12-17 43301.97 Fractura  
## 47 329 45 2023-07-20 2022-10-25 32854.18 Gastritis  
## 48 422 23 2022-10-07 2021-09-27 13158.23 Gastritis  
## 49 365 270 2020-05-30 2021-02-26 26312.82 Fractura  
## 50 470 18 2021-09-14 2023-10-29 41769.71 Gastritis  
## 51 5 296 2023-03-14 2023-06-04 24766.33 Gastritis  
## 52 212 176 2020-07-13 2021-12-05 20721.45 COVID-19  
## 53 288 296 2021-05-16 2022-09-18 34194.16 Gastritis  
## 54 330 180 2022-09-21 2020-09-10 35748.93 Fractura  
## 55 322 92 2022-10-31 2021-07-22 28019.32 COVID-19  
## 56 104 276 2022-10-18 2021-04-19 37021.10 Gastritis  
## 57 437 124 2022-02-19 2022-12-12 46838.74 COVID-19  
## 58 430 116 2022-12-25 2023-11-16 47103.27 COVID-19  
## 59 29 229 2020-07-03 2023-11-15 46870.07 Gastritis  
## 60 113 251 2022-10-27 2022-09-09 15219.22 Gastritis  
## 61 458 96 2020-10-13 2021-06-01 46030.36 Gastritis  
## 62 420 40 2022-08-10 2023-07-30 9063.11 NeumonÃ­a  
## 63 123 142 2020-12-19 2023-10-25 40984.95 Gastritis  
## 64 412 151 2022-08-20 2023-01-17 32268.94 NeumonÃ­a  
## 65 216 141 2021-11-13 2022-06-03 42768.02 COVID-19  
## 66 204 98 2021-04-15 2023-09-21 14454.43 COVID-19  
## 67 273 233 2023-07-03 2020-01-05 37835.15 NeumonÃ­a  
## 68 124 154 2023-06-02 2023-07-13 20719.34 Fractura  
## 69 40 75 2022-08-13 2020-06-14 30487.47 COVID-19  
## 70 79 300 2023-03-06 2021-01-19 29056.88 COVID-19  
## 71 314 215 2020-07-06 2023-10-26 33937.07 Gastritis  
## 72 461 61 2022-06-12 2020-03-13 19711.36 Gastritis  
## 73 308 136 2023-10-16 2022-02-08 33595.15 Fractura  
## 74 378 96 2023-07-09 2022-05-13 31239.28 Fractura  
## 75 445 298 2023-11-12 2022-01-09 15824.67 NeumonÃ­a  
## 76 293 252 2021-11-11 2022-01-05 7654.22 Fractura  
## 77 398 5 2023-05-31 2020-06-16 7624.71 NeumonÃ­a  
## 78 341 231 2020-08-08 2022-07-27 31504.05 COVID-19  
## 79 422 290 2021-06-21 2020-01-15 40735.28 Fractura  
## 80 229 217 2023-07-23 2020-12-12 36317.37 COVID-19  
## 81 213 186 2022-07-30 2020-07-20 37419.59 COVID-19  
## 82 296 145 2020-01-21 2020-04-18 25121.81 NeumonÃ­a  
## 83 274 214 2023-03-11 2023-03-21 40342.31 Gastritis  
## 84 78 86 2021-11-18 2020-03-03 42696.09 Fractura  
## 85 350 7 2022-05-26 2022-11-27 48570.56 Gastritis  
## 86 444 117 2021-03-04 2020-06-26 21832.02 Fractura  
## 87 288 81 2023-07-04 2021-09-14 17727.29 COVID-19  
## 88 319 122 2023-10-30 2021-04-10 27940.67 Gastritis  
## 89 334 26 2020-12-16 2021-11-07 18588.33 Gastritis  
## 90 460 111 2020-10-10 2023-09-30 40742.64 Fractura  
## 91 43 11 2022-10-18 2020-12-04 43698.20 Fractura  
## 92 24 194 2020-02-09 2023-12-20 23948.98 Gastritis  
## 93 23 58 2021-03-26 2020-10-29 33731.44 Gastritis  
## 94 487 197 2020-09-25 2023-01-03 35669.94 Fractura  
## 95 59 89 2020-06-04 2021-11-08 18330.48 NeumonÃ­a  
## 96 340 86 2021-01-21 2020-11-20 10354.32 Gastritis  
## 97 124 290 2020-10-22 2020-04-07 42180.92 Gastritis  
## 98 268 4 2021-02-12 2020-01-02 1749.76 COVID-19  
## 99 414 126 2023-11-06 2023-04-21 49361.28 NeumonÃ­a  
## 100 350 18 2023-02-14 2022-03-05 43818.38 COVID-19  
## 101 220 170 2023-02-13 2022-06-30 41714.99 Gastritis  
## 102 398 94 2022-06-15 2020-03-19 25875.66 NeumonÃ­a  
## 103 63 186 2020-10-05 2023-08-26 37310.09 NeumonÃ­a  
## 104 136 37 2022-10-24 2022-09-23 44764.18 NeumonÃ­a  
## 105 185 149 2020-01-11 2021-10-02 11867.67 Fractura  
## 106 56 79 2020-07-25 2021-12-01 15764.14 NeumonÃ­a  
## 107 334 107 2020-01-05 2021-07-23 38275.75 COVID-19  
## 108 71 274 2020-10-09 2022-09-20 35336.43 NeumonÃ­a  
## 109 81 295 2020-01-25 2022-07-16 14662.79 COVID-19  
## 110 131 216 2023-06-13 2023-03-18 3722.22 Gastritis  
## 111 63 248 2021-02-03 2022-05-19 30614.90 Fractura  
## 112 292 20 2023-07-02 2021-02-09 12957.52 Gastritis  
## 113 166 65 2021-05-04 2021-01-03 41287.81 Gastritis  
## 114 487 293 2023-10-02 2022-03-16 16697.97 NeumonÃ­a  
## 115 389 133 2020-01-30 2021-12-29 43812.90 Gastritis  
## 116 105 40 2021-07-31 2021-10-24 28179.57 Fractura  
## 117 416 67 2022-04-12 2021-10-15 16965.91 COVID-19  
## 118 186 77 2020-10-21 2021-08-25 47523.33 COVID-19  
## 119 9 223 2023-04-15 2021-06-03 33405.71 COVID-19  
## 120 64 296 2020-09-02 2020-09-30 1186.31 COVID-19  
## 121 265 212 2022-01-08 2022-12-07 42234.23 Gastritis  
## 122 239 272 2022-11-10 2020-12-22 12411.52 NeumonÃ­a  
## 123 280 113 2021-12-23 2022-01-11 15497.54 NeumonÃ­a  
## 124 226 203 2020-04-27 2022-01-02 46668.10 Gastritis  
## 125 159 116 2021-01-03 2022-02-23 27567.33 Gastritis  
## 126 58 47 2020-12-19 2022-02-07 31324.18 NeumonÃ­a  
## 127 478 141 2022-09-25 2020-03-12 10290.60 COVID-19  
## 128 417 60 2023-12-18 2022-10-16 8255.67 COVID-19  
## 129 130 46 2023-11-20 2023-03-17 14568.34 Gastritis  
## 130 293 273 2022-03-27 2023-03-21 26023.56 Fractura  
## 131 95 83 2020-05-30 2021-07-29 36905.11 Gastritis  
## 132 71 200 2023-02-11 2022-09-30 11959.21 COVID-19  
## 133 470 166 2020-08-13 2020-07-19 38735.84 NeumonÃ­a  
## 134 116 128 2020-12-30 2020-08-15 8426.33 Gastritis  
## 135 150 113 2020-10-17 2021-09-20 21408.97 COVID-19  
## 136 488 107 2021-07-08 2023-10-03 11957.02 COVID-19  
## 137 132 81 2023-07-31 2020-03-10 30594.34 NeumonÃ­a  
## 138 146 33 2021-10-13 2021-04-15 31679.15 Gastritis  
## 139 103 288 2020-06-27 2023-09-11 37707.62 COVID-19  
## 140 38 229 2023-09-10 2021-01-16 30484.14 COVID-19  
## 141 202 13 2023-04-04 2022-12-17 1488.00 Gastritis  
## 142 421 250 2022-03-24 2023-02-05 23372.68 Fractura  
## 143 6 221 2022-03-25 2022-09-16 44611.64 Fractura  
## 144 280 284 2021-08-25 2021-12-01 14437.80 COVID-19  
## estado  
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## 144 Alta

#Caluclamos los dias de estadia de cada paciente

#se calcula los días de estadia de cada paciente  
base\_registros\_medicos <- base\_registros\_medicos %>%  
 mutate(  
 fecha\_admision = as.Date(fecha\_admision),  
 fecha\_alta = as.Date(fecha\_alta),  
 diferencia\_dias = as.numeric(fecha\_alta - fecha\_admision)  
 )

#filtramos los dias de estadia que son incoherentes (valores negativos)

base\_registros\_medicos <- base\_registros\_medicos %>%  
 filter(diferencia\_dias >= 0)

#Analizamos la cantidad de visitias que tuvo cada paciente

visitas\_paciente <- base\_registros\_medicos %>%  
 count(id\_paciente)  
print(visitas\_paciente)

## id\_paciente n  
## 1 7 2  
## 2 8 1  
## 3 9 1  
## 4 10 1  
## 5 13 1  
## 6 18 1  
## 7 19 1  
## 8 20 1  
## 9 23 1  
## 10 26 1  
## 11 27 2  
## 12 30 1  
## 13 32 1  
## 14 38 1  
## 15 40 2  
## 16 41 1  
## 17 44 2  
## 18 47 1  
## 19 50 1  
## 20 51 1  
## 21 58 1  
## 22 59 2  
## 23 62 1  
## 24 63 1  
## 25 64 2  
## 26 66 2  
## 27 74 1  
## 28 75 1  
## 29 77 3  
## 30 79 3  
## 31 83 2  
## 32 87 2  
## 33 88 1  
## 34 89 1  
## 35 90 1  
## 36 92 1  
## 37 96 2  
## 38 97 1  
## 39 98 3  
## 40 100 1  
## 41 102 1  
## 42 107 3  
## 43 108 2  
## 44 109 1  
## 45 110 1  
## 46 111 2  
## 47 113 2  
## 48 115 2  
## 49 116 3  
## 50 117 1  
## 51 118 1  
## 52 119 1  
## 53 121 2  
## 54 124 1  
## 55 125 1  
## 56 127 1  
## 57 130 1  
## 58 133 2  
## 59 134 1  
## 60 136 1  
## 61 141 1  
## 62 142 1  
## 63 145 1  
## 64 148 1  
## 65 149 1  
## 66 150 1  
## 67 151 1  
## 68 154 1  
## 69 156 1  
## 70 157 1  
## 71 158 2  
## 72 159 1  
## 73 160 1  
## 74 161 2  
## 75 163 1  
## 76 165 2  
## 77 167 1  
## 78 168 2  
## 79 170 1  
## 80 176 1  
## 81 177 1  
## 82 178 2  
## 83 179 1  
## 84 181 1  
## 85 184 1  
## 86 186 1  
## 87 193 3  
## 88 194 1  
## 89 195 1  
## 90 197 2  
## 91 201 1  
## 92 203 2  
## 93 208 1  
## 94 209 1  
## 95 211 3  
## 96 212 1  
## 97 213 1  
## 98 214 2  
## 99 215 2  
## 100 220 2  
## 101 221 2  
## 102 222 1  
## 103 226 1  
## 104 227 1  
## 105 228 1  
## 106 229 1  
## 107 231 2  
## 108 235 3  
## 109 238 1  
## 110 242 1  
## 111 248 1  
## 112 250 1  
## 113 252 1  
## 114 256 1  
## 115 258 1  
## 116 259 1  
## 117 260 2  
## 118 262 1  
## 119 263 1  
## 120 266 1  
## 121 270 2  
## 122 273 2  
## 123 274 1  
## 124 278 2  
## 125 280 1  
## 126 282 1  
## 127 283 1  
## 128 284 1  
## 129 286 1  
## 130 288 1  
## 131 289 3  
## 132 293 1  
## 133 295 1  
## 134 296 3

costo\_cliente <- aggregate(costo ~ id\_paciente, data = base\_registros\_medicos, FUN = sum)  
  
print(costo\_cliente)

## id\_paciente costo  
## 1 7 90545.14  
## 2 8 24627.58  
## 3 9 22948.93  
## 4 10 27027.66  
## 5 13 3328.40  
## 6 18 41769.71  
## 7 19 15125.39  
## 8 20 10916.86  
## 9 23 30057.37  
## 10 26 18588.33  
## 11 27 26778.85  
## 12 30 21738.06  
## 13 32 13025.17  
## 14 38 1274.18  
## 15 40 37242.68  
## 16 41 2500.27  
## 17 44 58112.48  
## 18 47 31324.18  
## 19 50 38627.05  
## 20 51 4536.56  
## 21 58 1892.04  
## 22 59 33805.42  
## 23 62 30967.79  
## 24 63 30149.39  
## 25 64 68089.32  
## 26 66 72400.73  
## 27 74 45414.62  
## 28 75 43106.37  
## 29 77 133316.80  
## 30 79 60911.77  
## 31 83 85294.13  
## 32 87 66023.74  
## 33 88 33656.97  
## 34 89 18330.48  
## 35 90 14334.60  
## 36 92 21784.35  
## 37 96 60218.07  
## 38 97 12355.60  
## 39 98 60053.56  
## 40 100 8443.77  
## 41 102 26548.01  
## 42 107 75359.53  
## 43 108 75260.50  
## 44 109 4475.85  
## 45 110 14610.02  
## 46 111 81582.52  
## 47 113 36906.51  
## 48 115 58040.90  
## 49 116 119569.96  
## 50 117 27760.10  
## 51 118 24153.48  
## 52 119 45972.29  
## 53 121 27884.67  
## 54 124 46838.74  
## 55 125 37901.68  
## 56 127 44651.50  
## 57 130 24504.14  
## 58 133 62401.63  
## 59 134 20181.34  
## 60 136 14991.07  
## 61 141 42768.02  
## 62 142 40984.95  
## 63 145 25121.81  
## 64 148 12211.04  
## 65 149 11867.67  
## 66 150 20346.81  
## 67 151 32268.94  
## 68 154 20719.34  
## 69 156 4227.56  
## 70 157 48450.76  
## 71 158 60578.27  
## 72 159 39255.52  
## 73 160 18008.32  
## 74 161 45774.80  
## 75 163 2425.31  
## 76 165 58220.04  
## 77 167 35348.68  
## 78 168 64769.47  
## 79 170 25260.10  
## 80 176 20721.45  
## 81 177 5472.43  
## 82 178 58540.76  
## 83 179 11339.30  
## 84 181 8973.43  
## 85 184 10500.01  
## 86 186 37310.09  
## 87 193 99365.65  
## 88 194 23948.98  
## 89 195 11592.39  
## 90 197 72931.30  
## 91 201 11931.09  
## 92 203 88976.26  
## 93 208 8542.89  
## 94 209 23685.08  
## 95 211 84499.50  
## 96 212 42234.23  
## 97 213 12102.47  
## 98 214 60493.25  
## 99 215 55891.14  
## 100 220 71040.52  
## 101 221 66871.92  
## 102 222 32760.99  
## 103 226 5756.18  
## 104 227 5253.45  
## 105 228 44187.74  
## 106 229 46870.07  
## 107 231 38659.95  
## 108 235 65826.87  
## 109 238 18811.22  
## 110 242 7394.19  
## 111 248 30614.90  
## 112 250 23372.68  
## 113 252 7654.22  
## 114 256 20287.22  
## 115 258 24845.41  
## 116 259 1751.19  
## 117 260 34216.66  
## 118 262 25665.75  
## 119 263 24644.85  
## 120 266 28045.92  
## 121 270 29652.49  
## 122 273 59247.07  
## 123 274 35336.43  
## 124 278 33131.84  
## 125 280 27560.61  
## 126 282 4520.07  
## 127 283 8264.28  
## 128 284 14437.80  
## 129 286 17907.75  
## 130 288 37707.62  
## 131 289 66409.85  
## 132 293 40448.18  
## 133 295 14662.79  
## 134 296 60146.80

#Creamos una tabla donde ordenen mediante la variable id\_paciente

tabla\_clientes <- merge(costo\_cliente, visitas\_paciente, by = "id\_paciente", all = TRUE)  
print(tabla\_clientes)

## id\_paciente costo n  
## 1 7 90545.14 2  
## 2 8 24627.58 1  
## 3 9 22948.93 1  
## 4 10 27027.66 1  
## 5 13 3328.40 1  
## 6 18 41769.71 1  
## 7 19 15125.39 1  
## 8 20 10916.86 1  
## 9 23 30057.37 1  
## 10 26 18588.33 1  
## 11 27 26778.85 2  
## 12 30 21738.06 1  
## 13 32 13025.17 1  
## 14 38 1274.18 1  
## 15 40 37242.68 2  
## 16 41 2500.27 1  
## 17 44 58112.48 2  
## 18 47 31324.18 1  
## 19 50 38627.05 1  
## 20 51 4536.56 1  
## 21 58 1892.04 1  
## 22 59 33805.42 2  
## 23 62 30967.79 1  
## 24 63 30149.39 1  
## 25 64 68089.32 2  
## 26 66 72400.73 2  
## 27 74 45414.62 1  
## 28 75 43106.37 1  
## 29 77 133316.80 3  
## 30 79 60911.77 3  
## 31 83 85294.13 2  
## 32 87 66023.74 2  
## 33 88 33656.97 1  
## 34 89 18330.48 1  
## 35 90 14334.60 1  
## 36 92 21784.35 1  
## 37 96 60218.07 2  
## 38 97 12355.60 1  
## 39 98 60053.56 3  
## 40 100 8443.77 1  
## 41 102 26548.01 1  
## 42 107 75359.53 3  
## 43 108 75260.50 2  
## 44 109 4475.85 1  
## 45 110 14610.02 1  
## 46 111 81582.52 2  
## 47 113 36906.51 2  
## 48 115 58040.90 2  
## 49 116 119569.96 3  
## 50 117 27760.10 1  
## 51 118 24153.48 1  
## 52 119 45972.29 1  
## 53 121 27884.67 2  
## 54 124 46838.74 1  
## 55 125 37901.68 1  
## 56 127 44651.50 1  
## 57 130 24504.14 1  
## 58 133 62401.63 2  
## 59 134 20181.34 1  
## 60 136 14991.07 1  
## 61 141 42768.02 1  
## 62 142 40984.95 1  
## 63 145 25121.81 1  
## 64 148 12211.04 1  
## 65 149 11867.67 1  
## 66 150 20346.81 1  
## 67 151 32268.94 1  
## 68 154 20719.34 1  
## 69 156 4227.56 1  
## 70 157 48450.76 1  
## 71 158 60578.27 2  
## 72 159 39255.52 1  
## 73 160 18008.32 1  
## 74 161 45774.80 2  
## 75 163 2425.31 1  
## 76 165 58220.04 2  
## 77 167 35348.68 1  
## 78 168 64769.47 2  
## 79 170 25260.10 1  
## 80 176 20721.45 1  
## 81 177 5472.43 1  
## 82 178 58540.76 2  
## 83 179 11339.30 1  
## 84 181 8973.43 1  
## 85 184 10500.01 1  
## 86 186 37310.09 1  
## 87 193 99365.65 3  
## 88 194 23948.98 1  
## 89 195 11592.39 1  
## 90 197 72931.30 2  
## 91 201 11931.09 1  
## 92 203 88976.26 2  
## 93 208 8542.89 1  
## 94 209 23685.08 1  
## 95 211 84499.50 3  
## 96 212 42234.23 1  
## 97 213 12102.47 1  
## 98 214 60493.25 2  
## 99 215 55891.14 2  
## 100 220 71040.52 2  
## 101 221 66871.92 2  
## 102 222 32760.99 1  
## 103 226 5756.18 1  
## 104 227 5253.45 1  
## 105 228 44187.74 1  
## 106 229 46870.07 1  
## 107 231 38659.95 2  
## 108 235 65826.87 3  
## 109 238 18811.22 1  
## 110 242 7394.19 1  
## 111 248 30614.90 1  
## 112 250 23372.68 1  
## 113 252 7654.22 1  
## 114 256 20287.22 1  
## 115 258 24845.41 1  
## 116 259 1751.19 1  
## 117 260 34216.66 2  
## 118 262 25665.75 1  
## 119 263 24644.85 1  
## 120 266 28045.92 1  
## 121 270 29652.49 2  
## 122 273 59247.07 2  
## 123 274 35336.43 1  
## 124 278 33131.84 2  
## 125 280 27560.61 1  
## 126 282 4520.07 1  
## 127 283 8264.28 1  
## 128 284 14437.80 1  
## 129 286 17907.75 1  
## 130 288 37707.62 1  
## 131 289 66409.85 3  
## 132 293 40448.18 1  
## 133 295 14662.79 1  
## 134 296 60146.80 3

tabla\_analisis <- merge(tabla\_clientes, base\_registros\_medicos[, c("id\_paciente", "diferencia\_dias")], by = "id\_paciente", all.x = TRUE)  
print(tabla\_analisis)

## id\_paciente costo n diferencia\_dias  
## 1 7 90545.14 2 185  
## 2 7 90545.14 2 995  
## 3 8 24627.58 1 837  
## 4 9 22948.93 1 1032  
## 5 10 27027.66 1 741  
## 6 13 3328.40 1 63  
## 7 18 41769.71 1 775  
## 8 19 15125.39 1 454  
## 9 20 10916.86 1 267  
## 10 23 30057.37 1 236  
## 11 26 18588.33 1 326  
## 12 27 26778.85 2 1161  
## 13 27 26778.85 2 127  
## 14 30 21738.06 1 783  
## 15 32 13025.17 1 255  
## 16 38 1274.18 1 275  
## 17 40 37242.68 2 85  
## 18 40 37242.68 2 354  
## 19 41 2500.27 1 309  
## 20 44 58112.48 2 238  
## 21 44 58112.48 2 28  
## 22 47 31324.18 1 415  
## 23 50 38627.05 1 381  
## 24 51 4536.56 1 130  
## 25 58 1892.04 1 485  
## 26 59 33805.42 2 818  
## 27 59 33805.42 2 96  
## 28 62 30967.79 1 990  
## 29 63 30149.39 1 224  
## 30 64 68089.32 2 205  
## 31 64 68089.32 2 3  
## 32 66 72400.73 2 946  
## 33 66 72400.73 2 264  
## 34 74 45414.62 1 298  
## 35 75 43106.37 1 199  
## 36 77 133316.80 3 652  
## 37 77 133316.80 3 632  
## 38 77 133316.80 3 308  
## 39 79 60911.77 3 494  
## 40 79 60911.77 3 847  
## 41 79 60911.77 3 412  
## 42 83 85294.13 2 425  
## 43 83 85294.13 2 754  
## 44 87 66023.74 2 764  
## 45 87 66023.74 2 1011  
## 46 88 33656.97 1 424  
## 47 89 18330.48 1 522  
## 48 90 14334.60 1 61  
## 49 92 21784.35 1 204  
## 50 96 60218.07 2 231  
## 51 96 60218.07 2 535  
## 52 97 12355.60 1 150  
## 53 98 60053.56 3 882  
## 54 98 60053.56 3 889  
## 55 98 60053.56 3 1099  
## 56 100 8443.77 1 127  
## 57 102 26548.01 1 330  
## 58 107 75359.53 3 565  
## 59 107 75359.53 3 279  
## 60 107 75359.53 3 817  
## 61 108 75260.50 2 747  
## 62 108 75260.50 2 245  
## 63 109 4475.85 1 48  
## 64 110 14610.02 1 208  
## 65 111 81582.52 2 112  
## 66 111 81582.52 2 1085  
## 67 113 36906.51 2 338  
## 68 113 36906.51 2 19  
## 69 115 58040.90 2 44  
## 70 115 58040.90 2 871  
## 71 116 119569.96 3 416  
## 72 116 119569.96 3 280  
## 73 116 119569.96 3 326  
## 74 117 27760.10 1 746  
## 75 118 24153.48 1 186  
## 76 119 45972.29 1 132  
## 77 121 27884.67 2 555  
## 78 121 27884.67 2 801  
## 79 124 46838.74 1 296  
## 80 125 37901.68 1 514  
## 81 127 44651.50 1 858  
## 82 130 24504.14 1 1121  
## 83 133 62401.63 2 699  
## 84 133 62401.63 2 695  
## 85 134 20181.34 1 191  
## 86 136 14991.07 1 1078  
## 87 141 42768.02 1 202  
## 88 142 40984.95 1 1040  
## 89 145 25121.81 1 88  
## 90 148 12211.04 1 439  
## 91 149 11867.67 1 630  
## 92 150 20346.81 1 535  
## 93 151 32268.94 1 150  
## 94 154 20719.34 1 41  
## 95 156 4227.56 1 405  
## 96 157 48450.76 1 357  
## 97 158 60578.27 2 501  
## 98 158 60578.27 2 290  
## 99 159 39255.52 1 508  
## 100 160 18008.32 1 441  
## 101 161 45774.80 2 186  
## 102 161 45774.80 2 963  
## 103 163 2425.31 1 315  
## 104 165 58220.04 2 392  
## 105 165 58220.04 2 483  
## 106 167 35348.68 1 38  
## 107 168 64769.47 2 347  
## 108 168 64769.47 2 888  
## 109 170 25260.10 1 1075  
## 110 176 20721.45 1 510  
## 111 177 5472.43 1 237  
## 112 178 58540.76 2 115  
## 113 178 58540.76 2 61  
## 114 179 11339.30 1 1175  
## 115 181 8973.43 1 302  
## 116 184 10500.01 1 596  
## 117 186 37310.09 1 1055  
## 118 193 99365.65 3 75  
## 119 193 99365.65 3 239  
## 120 193 99365.65 3 106  
## 121 194 23948.98 1 1410  
## 122 195 11592.39 1 378  
## 123 197 72931.30 2 830  
## 124 197 72931.30 2 153  
## 125 201 11931.09 1 581  
## 126 203 88976.26 2 495  
## 127 203 88976.26 2 615  
## 128 208 8542.89 1 79  
## 129 209 23685.08 1 113  
## 130 211 84499.50 3 820  
## 131 211 84499.50 3 387  
## 132 211 84499.50 3 835  
## 133 212 42234.23 1 333  
## 134 213 12102.47 1 116  
## 135 214 60493.25 2 10  
## 136 214 60493.25 2 1446  
## 137 215 55891.14 2 504  
## 138 215 55891.14 2 1207  
## 139 220 71040.52 2 567  
## 140 220 71040.52 2 122  
## 141 221 66871.92 2 25  
## 142 221 66871.92 2 175  
## 143 222 32760.99 1 808  
## 144 226 5756.18 1 153  
## 145 227 5253.45 1 285  
## 146 228 44187.74 1 575  
## 147 229 46870.07 1 1230  
## 148 231 38659.95 2 718  
## 149 231 38659.95 2 451  
## 150 235 65826.87 3 748  
## 151 235 65826.87 3 601  
## 152 235 65826.87 3 810  
## 153 238 18811.22 1 108  
## 154 242 7394.19 1 499  
## 155 248 30614.90 1 470  
## 156 250 23372.68 1 318  
## 157 252 7654.22 1 55  
## 158 256 20287.22 1 118  
## 159 258 24845.41 1 278  
## 160 259 1751.19 1 577  
## 161 260 34216.66 2 129  
## 162 260 34216.66 2 87  
## 163 262 25665.75 1 86  
## 164 263 24644.85 1 458  
## 165 266 28045.92 1 819  
## 166 270 29652.49 2 122  
## 167 270 29652.49 2 272  
## 168 273 59247.07 2 160  
## 169 273 59247.07 2 359  
## 170 274 35336.43 1 711  
## 171 278 33131.84 2 139  
## 172 278 33131.84 2 823  
## 173 280 27560.61 1 142  
## 174 282 4520.07 1 305  
## 175 283 8264.28 1 133  
## 176 284 14437.80 1 98  
## 177 286 17907.75 1 514  
## 178 288 37707.62 1 1171  
## 179 289 66409.85 3 1176  
## 180 289 66409.85 3 161  
## 181 289 66409.85 3 1025  
## 182 293 40448.18 1 1012  
## 183 295 14662.79 1 903  
## 184 296 60146.80 3 490  
## 185 296 60146.80 3 82  
## 186 296 60146.80 3 28

#Mostramos los valores erroneos

valores\_incoherentes <- bind\_rows(  
 Id\_registro\_no\_valido,  
 id\_clientes\_no\_registrados,  
 costo\_no\_registrados,  
 diagnostico\_no\_registrados,  
 estado\_no\_registrados  
)

#Mostramos la base de datos limpia, la tabla de valores erroneos y la tabla pedida que son los pacientes dados de alta

print(base\_registros\_medicos)

## id\_registro id\_paciente fecha\_admision fecha\_alta costo diagnostico  
## 1 432 148 2021-12-22 2023-03-06 12211.04 NeumonÃ­a  
## 2 310 44 2022-09-11 2022-10-09 28769.98 Fractura  
## 3 51 289 2020-06-22 2020-11-30 32918.23 Fractura  
## 4 27 161 2021-07-18 2022-01-20 1053.75 Gastritis  
## 5 40 278 2021-01-28 2023-05-01 25400.38 Fractura  
## 6 255 38 2020-07-05 2021-04-06 1274.18 Fractura  
## 7 7 177 2022-07-07 2023-03-01 5472.43 COVID-19  
## 8 178 282 2022-10-16 2023-08-17 4520.07 Gastritis  
## 9 17 221 2023-03-06 2023-03-31 22260.28 Fractura  
## 10 484 79 2021-05-14 2023-09-08 12980.31 COVID-19  
## 11 463 87 2021-09-19 2023-10-23 40452.11 Gastritis  
## 12 235 87 2020-07-17 2023-04-24 25571.63 NeumonÃ­a  
## 13 204 130 2020-09-24 2023-10-20 24504.14 COVID-19  
## 14 495 13 2022-01-12 2022-03-16 3328.40 COVID-19  
## 15 206 211 2022-08-17 2023-09-08 2647.60 Fractura  
## 16 349 209 2021-12-27 2022-04-19 23685.08 Gastritis  
## 17 380 195 2021-12-28 2023-01-10 11592.39 NeumonÃ­a  
## 18 272 109 2023-10-05 2023-11-22 4475.85 Gastritis  
## 19 253 9 2020-04-04 2023-01-31 22948.93 NeumonÃ­a  
## 20 405 51 2020-03-01 2020-07-09 4536.56 NeumonÃ­a  
## 21 246 127 2020-08-22 2022-12-28 44651.50 NeumonÃ­a  
## 22 115 278 2020-03-12 2020-07-29 7731.46 Fractura  
## 23 96 121 2021-09-27 2023-12-07 22883.78 Gastritis  
## 24 14 227 2022-05-15 2023-02-24 5253.45 NeumonÃ­a  
## 25 147 100 2022-04-25 2022-08-30 8443.77 Gastritis  
## 26 412 116 2022-01-15 2022-10-22 44899.36 Gastritis  
## 27 337 50 2020-03-13 2021-03-29 38627.05 COVID-19  
## 28 155 8 2020-04-13 2022-07-29 24627.58 NeumonÃ­a  
## 29 430 10 2020-08-01 2022-08-12 27027.66 Fractura  
## 30 273 58 2021-03-07 2022-07-05 1892.04 Gastritis  
## 31 437 66 2021-09-12 2022-06-03 49789.01 Gastritis  
## 32 237 41 2020-10-28 2021-09-02 2500.27 COVID-19  
## 33 47 118 2020-10-07 2021-04-11 24153.48 Gastritis  
## 34 483 98 2020-05-19 2023-05-23 8437.93 Gastritis  
## 35 246 134 2022-03-25 2022-10-02 20181.34 Fractura  
## 36 4 77 2020-09-29 2022-07-13 39619.15 NeumonÃ­a  
## 37 388 203 2022-07-08 2023-11-15 42308.16 Fractura  
## 38 36 201 2020-06-18 2022-01-20 11931.09 COVID-19  
## 39 170 79 2020-11-10 2021-12-27 32167.32 Gastritis  
## 40 464 263 2021-08-15 2022-11-16 24644.85 Gastritis  
## 41 86 222 2020-10-29 2023-01-15 32760.99 Gastritis  
## 42 196 214 2020-01-05 2023-12-21 20150.94 COVID-19  
## 43 299 107 2021-08-14 2022-05-20 25126.76 Gastritis  
## 44 471 260 2021-06-21 2021-09-16 5241.21 Fractura  
## 45 406 92 2020-10-20 2021-05-12 21784.35 NeumonÃ­a  
## 46 202 77 2021-03-06 2022-11-28 46174.32 NeumonÃ­a  
## 47 458 235 2020-07-31 2022-03-24 23597.47 Fractura  
## 48 426 228 2021-03-03 2022-09-29 44187.74 Fractura  
## 49 180 19 2022-06-01 2023-08-29 15125.39 NeumonÃ­a  
## 50 236 117 2021-12-06 2023-12-22 27760.10 COVID-19  
## 51 170 235 2020-11-02 2023-01-21 1224.06 NeumonÃ­a  
## 52 162 184 2021-12-20 2023-08-08 10500.01 COVID-19  
## 53 394 165 2020-02-03 2021-05-31 10273.73 COVID-19  
## 54 487 108 2020-01-22 2020-09-23 39051.47 COVID-19  
## 55 69 266 2021-08-13 2023-11-10 28045.92 COVID-19  
## 56 365 270 2020-05-30 2021-02-26 26312.82 Fractura  
## 57 309 20 2021-12-01 2022-08-25 10916.86 NeumonÃ­a  
## 58 398 59 2020-11-21 2023-02-17 12055.83 COVID-19  
## 59 470 18 2021-09-14 2023-10-29 41769.71 Gastritis  
## 60 5 296 2023-03-14 2023-06-04 24766.33 Gastritis  
## 61 212 176 2020-07-13 2021-12-05 20721.45 COVID-19  
## 62 288 296 2021-05-16 2022-09-18 34194.16 Gastritis  
## 63 472 160 2021-06-10 2022-08-25 18008.32 COVID-19  
## 64 249 259 2020-01-28 2021-08-27 1751.19 NeumonÃ­a  
## 65 480 115 2020-03-28 2022-08-16 16696.61 NeumonÃ­a  
## 66 110 193 2022-03-04 2022-10-29 48660.48 NeumonÃ­a  
## 67 437 289 2020-08-27 2023-11-16 11302.50 COVID-19  
## 68 437 124 2022-02-19 2022-12-12 46838.74 COVID-19  
## 69 430 116 2022-12-25 2023-11-16 47103.27 COVID-19  
## 70 111 178 2021-05-05 2021-08-28 43541.53 Fractura  
## 71 29 229 2020-07-03 2023-11-15 46870.07 Gastritis  
## 72 16 121 2021-12-10 2023-06-18 5000.89 Gastritis  
## 73 320 75 2020-03-10 2020-09-25 43106.37 NeumonÃ­a  
## 74 491 150 2021-08-21 2023-02-07 20346.81 COVID-19  
## 75 56 179 2020-08-04 2023-10-23 11339.30 NeumonÃ­a  
## 76 458 96 2020-10-13 2021-06-01 46030.36 Gastritis  
## 77 363 283 2020-05-19 2020-09-29 8264.28 Gastritis  
## 78 496 163 2022-04-23 2023-03-04 2425.31 Fractura  
## 79 420 40 2022-08-10 2023-07-30 9063.11 NeumonÃ­a  
## 80 322 270 2023-01-19 2023-05-21 3339.67 COVID-19  
## 81 123 142 2020-12-19 2023-10-25 40984.95 Gastritis  
## 82 487 286 2020-10-02 2022-02-28 17907.75 Fractura  
## 83 107 23 2022-10-11 2023-06-04 30057.37 Fractura  
## 84 288 165 2020-03-23 2021-04-19 47946.31 Fractura  
## 85 412 151 2022-08-20 2023-01-17 32268.94 NeumonÃ­a  
## 86 31 168 2021-05-29 2022-05-11 23890.61 COVID-19  
## 87 453 83 2021-11-07 2023-12-01 48389.02 COVID-19  
## 88 216 141 2021-11-13 2022-06-03 42768.02 COVID-19  
## 89 204 98 2021-04-15 2023-09-21 14454.43 COVID-19  
## 90 343 119 2023-01-13 2023-05-25 45972.29 NeumonÃ­a  
## 91 409 181 2021-01-14 2021-11-12 8973.43 Fractura  
## 92 169 167 2022-06-06 2022-07-14 35348.68 Fractura  
## 93 124 154 2023-06-02 2023-07-13 20719.34 Fractura  
## 94 355 168 2020-10-05 2023-03-12 40878.86 Fractura  
## 95 32 220 2022-08-07 2022-12-07 33652.78 COVID-19  
## 96 314 215 2020-07-06 2023-10-26 33937.07 Gastritis  
## 97 301 256 2023-03-13 2023-07-09 20287.22 NeumonÃ­a  
## 98 448 258 2020-08-17 2021-05-22 24845.41 COVID-19  
## 99 280 156 2022-02-02 2023-03-14 4227.56 Gastritis  
## 100 458 273 2020-12-15 2021-05-24 33223.51 Gastritis  
## 101 293 252 2021-11-11 2022-01-05 7654.22 Fractura  
## 102 367 27 2022-07-31 2022-12-05 24154.76 Fractura  
## 103 220 88 2021-01-05 2022-03-05 33656.97 Fractura  
## 104 490 215 2021-04-27 2022-09-13 21954.07 Gastritis  
## 105 170 262 2020-10-04 2020-12-29 25665.75 Gastritis  
## 106 237 66 2021-04-04 2023-11-06 22611.72 COVID-19  
## 107 341 231 2020-08-08 2022-07-27 31504.05 COVID-19  
## 108 298 110 2021-06-02 2021-12-27 14610.02 COVID-19  
## 109 334 64 2023-08-26 2023-08-29 28556.26 COVID-19  
## 110 373 235 2021-05-18 2023-06-05 41005.34 Gastritis  
## 111 305 125 2020-03-05 2021-08-01 37901.68 Gastritis  
## 112 190 108 2020-10-25 2022-11-11 36209.03 COVID-19  
## 113 296 145 2020-01-21 2020-04-18 25121.81 NeumonÃ­a  
## 114 274 214 2023-03-11 2023-03-21 40342.31 Gastritis  
## 115 350 7 2022-05-26 2022-11-27 48570.56 Gastritis  
## 116 327 211 2020-11-02 2023-01-31 40115.71 Gastritis  
## 117 133 220 2020-05-23 2021-12-11 37387.74 Gastritis  
## 118 340 98 2021-05-02 2023-10-01 37161.20 Fractura  
## 119 288 208 2020-06-17 2020-09-04 8542.89 Fractura  
## 120 445 158 2022-08-18 2024-01-01 27187.20 Gastritis  
## 121 303 59 2021-12-22 2022-03-28 21749.59 Gastritis  
## 122 268 63 2021-04-20 2021-11-30 30149.39 COVID-19  
## 123 334 26 2020-12-16 2021-11-07 18588.33 Gastritis  
## 124 460 111 2020-10-10 2023-09-30 40742.64 Fractura  
## 125 24 194 2020-02-09 2023-12-20 23948.98 Gastritis  
## 126 188 27 2020-08-12 2023-10-17 2624.09 Fractura  
## 127 435 226 2022-08-06 2023-01-06 5756.18 NeumonÃ­a  
## 128 468 193 2020-12-31 2021-04-16 41669.95 Fractura  
## 129 487 197 2020-09-25 2023-01-03 35669.94 Fractura  
## 130 59 89 2020-06-04 2021-11-08 18330.48 NeumonÃ­a  
## 131 390 293 2020-11-26 2023-09-04 40448.18 Gastritis  
## 132 168 242 2020-07-15 2021-11-26 7394.19 Gastritis  
## 133 317 115 2023-09-06 2023-10-20 41344.29 Gastritis  
## 134 413 32 2023-01-20 2023-10-02 13025.17 COVID-19  
## 135 184 157 2020-08-18 2021-08-10 48450.76 COVID-19  
## 136 469 193 2022-10-14 2022-12-28 9035.22 Fractura  
## 137 63 186 2020-10-05 2023-08-26 37310.09 NeumonÃ­a  
## 138 430 159 2020-03-07 2021-07-28 39255.52 Fractura  
## 139 185 149 2020-01-11 2021-10-02 11867.67 Fractura  
## 140 481 178 2023-10-29 2023-12-29 14999.23 COVID-19  
## 141 56 79 2020-07-25 2021-12-01 15764.14 NeumonÃ­a  
## 142 334 107 2020-01-05 2021-07-23 38275.75 COVID-19  
## 143 34 133 2020-07-28 2022-06-23 18588.73 NeumonÃ­a  
## 144 119 289 2020-03-11 2022-12-31 22189.12 Fractura  
## 145 71 274 2020-10-09 2022-09-20 35336.43 NeumonÃ­a  
## 146 81 295 2020-01-25 2022-07-16 14662.79 COVID-19  
## 147 479 30 2021-03-07 2023-04-29 21738.06 COVID-19  
## 148 375 170 2020-05-11 2023-04-21 25260.10 Gastritis  
## 149 63 248 2021-02-03 2022-05-19 30614.90 Fractura  
## 150 291 97 2021-04-24 2021-09-21 12355.60 Fractura  
## 151 132 280 2021-07-21 2021-12-10 27560.61 Gastritis  
## 152 121 64 2022-04-16 2022-11-07 39533.06 COVID-19  
## 153 389 133 2020-01-30 2021-12-29 43812.90 Gastritis  
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## 13 Alta 1121  
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## 61 458 96 2020-10-13 2021-06-01 46030.36 Gastritis  
## 62 420 40 2022-08-10 2023-07-30 9063.11 NeumonÃ­a  
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## 65 216 141 2021-11-13 2022-06-03 42768.02 COVID-19  
## 66 204 98 2021-04-15 2023-09-21 14454.43 COVID-19  
## 67 273 233 2023-07-03 2020-01-05 37835.15 NeumonÃ­a  
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## 69 40 75 2022-08-13 2020-06-14 30487.47 COVID-19  
## 70 79 300 2023-03-06 2021-01-19 29056.88 COVID-19  
## 71 314 215 2020-07-06 2023-10-26 33937.07 Gastritis  
## 72 461 61 2022-06-12 2020-03-13 19711.36 Gastritis  
## 73 308 136 2023-10-16 2022-02-08 33595.15 Fractura  
## 74 378 96 2023-07-09 2022-05-13 31239.28 Fractura  
## 75 445 298 2023-11-12 2022-01-09 15824.67 NeumonÃ­a  
## 76 293 252 2021-11-11 2022-01-05 7654.22 Fractura  
## 77 398 5 2023-05-31 2020-06-16 7624.71 NeumonÃ­a  
## 78 341 231 2020-08-08 2022-07-27 31504.05 COVID-19  
## 79 422 290 2021-06-21 2020-01-15 40735.28 Fractura  
## 80 229 217 2023-07-23 2020-12-12 36317.37 COVID-19  
## 81 213 186 2022-07-30 2020-07-20 37419.59 COVID-19  
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## 83 274 214 2023-03-11 2023-03-21 40342.31 Gastritis  
## 84 78 86 2021-11-18 2020-03-03 42696.09 Fractura  
## 85 350 7 2022-05-26 2022-11-27 48570.56 Gastritis  
## 86 444 117 2021-03-04 2020-06-26 21832.02 Fractura  
## 87 288 81 2023-07-04 2021-09-14 17727.29 COVID-19  
## 88 319 122 2023-10-30 2021-04-10 27940.67 Gastritis  
## 89 334 26 2020-12-16 2021-11-07 18588.33 Gastritis  
## 90 460 111 2020-10-10 2023-09-30 40742.64 Fractura  
## 91 43 11 2022-10-18 2020-12-04 43698.20 Fractura  
## 92 24 194 2020-02-09 2023-12-20 23948.98 Gastritis  
## 93 23 58 2021-03-26 2020-10-29 33731.44 Gastritis  
## 94 487 197 2020-09-25 2023-01-03 35669.94 Fractura  
## 95 59 89 2020-06-04 2021-11-08 18330.48 NeumonÃ­a  
## 96 340 86 2021-01-21 2020-11-20 10354.32 Gastritis  
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## 102 398 94 2022-06-15 2020-03-19 25875.66 NeumonÃ­a  
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## 104 136 37 2022-10-24 2022-09-23 44764.18 NeumonÃ­a  
## 105 185 149 2020-01-11 2021-10-02 11867.67 Fractura  
## 106 56 79 2020-07-25 2021-12-01 15764.14 NeumonÃ­a  
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## 113 166 65 2021-05-04 2021-01-03 41287.81 Gastritis  
## 114 487 293 2023-10-02 2022-03-16 16697.97 NeumonÃ­a  
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## 125 159 116 2021-01-03 2022-02-23 27567.33 Gastritis  
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## 136 488 107 2021-07-08 2023-10-03 11957.02 COVID-19  
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## 144 280 284 2021-08-25 2021-12-01 14437.80 COVID-19  
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