

PSTAT131_HW4

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Load the data from `data/titanic.csv` into *R* and familiarize yourself with the variables it contains using the codebook (`data/titanic_codebook.txt`).

Notice that `survived` and `pclass` should be changed to factors. When changing `survived` to a factor, you may want to reorder the factor so that “Yes” is the first level.

Make sure you load the `tidyverse` and `tidymodels`!

Remember that you'll need to set a seed at the beginning of the document to reproduce your results.

Create a recipe for this dataset **identical** to the recipe you used in Homework 3.

```
# prepare
library(klaR) # for naive bayes

## Loading required package: MASS

library(tidyverse)

## -- Attaching packages ----- tidyverse 1.3.1 --
## v ggplot2 3.3.5      v purrr   0.3.4
## v tibble  3.1.6      v dplyr  1.0.8
## v tidyr   1.2.0      v stringr 1.4.0
## v readr   2.1.2      v forcats 0.5.1

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
## x dplyr::select() masks MASS::select()

library(tidymodels)

## -- Attaching packages ----- tidymodels 0.2.0 --
## v broom      0.7.12      v rsample      0.1.1
## v dials      0.1.0       v tune         0.2.0
## v infer      1.0.0       v workflows    0.2.6
## v modeldata  0.1.1       v workflowsets 0.2.1
## v parsnip    0.2.1       v yardstick    0.0.9
## v recipes    0.2.0

## -- Conflicts ----- tidymodels_conflicts() --
## x scales::discard() masks purrr::discard()
## x dplyr::filter()   masks stats::filter()
## x recipes::fixed()  masks stringr::fixed()
## x dplyr::lag()      masks stats::lag()
## x dplyr::select()   masks MASS::select()
## x yardstick::spec() masks readr::spec()
```

```
## x recipes::step() masks stats::step()
## * Search for functions across packages at https://www.tidymodels.org/find/
```

```
library(corrplot)
```

```
## corrplot 0.92 loaded
```

```
library(discrim)
```

```
##
```

```
## Attaching package: 'discrim'
```

```
## The following object is masked from 'package:dials':
```

```
##
```

```
## smoothness
```

```
library(poissonreg)
```

```
library(corr)
```

```
tidymodels_prefer()
```

```
set.seed(1234) # can be any number
```

```
# Load the data from `data/titanic.csv` into *R*
```

```
# change `survived` and `pclass` to factors.
```

```
# reorder the factor survived` so that "Yes" is the first level
```

```
titanic <- read.csv(file = "data/titanic.csv") %>%
```

```
  mutate(survived = factor(survived,
                           levels = c("Yes", "No")),
         pclass = factor(pclass))
```

```
titanic
```

```
##   passenger_id survived pclass
## 1             1      No      3
## 2             2     Yes      1
## 3             3     Yes      3
## 4             4     Yes      1
## 5             5      No      3
## 6             6      No      3
## 7             7      No      1
## 8             8      No      3
## 9             9     Yes      3
## 10            10     Yes      2
## 11            11     Yes      3
## 12            12     Yes      1
## 13            13      No      3
## 14            14      No      3
## 15            15      No      3
## 16            16     Yes      2
## 17            17      No      3
## 18            18     Yes      2
## 19            19      No      3
## 20            20     Yes      3
## 21            21      No      2
## 22            22     Yes      2
## 23            23     Yes      3
## 24            24     Yes      1
## 25            25      No      3
```

| | | | |
|-------|----|-----|---|
| ## 26 | 26 | Yes | 3 |
| ## 27 | 27 | No | 3 |
| ## 28 | 28 | No | 1 |
| ## 29 | 29 | Yes | 3 |
| ## 30 | 30 | No | 3 |
| ## 31 | 31 | No | 1 |
| ## 32 | 32 | Yes | 1 |
| ## 33 | 33 | Yes | 3 |
| ## 34 | 34 | No | 2 |
| ## 35 | 35 | No | 1 |
| ## 36 | 36 | No | 1 |
| ## 37 | 37 | Yes | 3 |
| ## 38 | 38 | No | 3 |
| ## 39 | 39 | No | 3 |
| ## 40 | 40 | Yes | 3 |
| ## 41 | 41 | No | 3 |
| ## 42 | 42 | No | 2 |
| ## 43 | 43 | No | 3 |
| ## 44 | 44 | Yes | 2 |
| ## 45 | 45 | Yes | 3 |
| ## 46 | 46 | No | 3 |
| ## 47 | 47 | No | 3 |
| ## 48 | 48 | Yes | 3 |
| ## 49 | 49 | No | 3 |
| ## 50 | 50 | No | 3 |
| ## 51 | 51 | No | 3 |
| ## 52 | 52 | No | 3 |
| ## 53 | 53 | Yes | 1 |
| ## 54 | 54 | Yes | 2 |
| ## 55 | 55 | No | 1 |
| ## 56 | 56 | Yes | 1 |
| ## 57 | 57 | Yes | 2 |
| ## 58 | 58 | No | 3 |
| ## 59 | 59 | Yes | 2 |
| ## 60 | 60 | No | 3 |
| ## 61 | 61 | No | 3 |
| ## 62 | 62 | Yes | 1 |
| ## 63 | 63 | No | 1 |
| ## 64 | 64 | No | 3 |
| ## 65 | 65 | No | 1 |
| ## 66 | 66 | Yes | 3 |
| ## 67 | 67 | Yes | 2 |
| ## 68 | 68 | No | 3 |
| ## 69 | 69 | Yes | 3 |
| ## 70 | 70 | No | 3 |
| ## 71 | 71 | No | 2 |
| ## 72 | 72 | No | 3 |
| ## 73 | 73 | No | 2 |
| ## 74 | 74 | No | 3 |
| ## 75 | 75 | Yes | 3 |
| ## 76 | 76 | No | 3 |
| ## 77 | 77 | No | 3 |
| ## 78 | 78 | No | 3 |
| ## 79 | 79 | Yes | 2 |

| | | | |
|--------|-----|-----|---|
| ## 80 | 80 | Yes | 3 |
| ## 81 | 81 | No | 3 |
| ## 82 | 82 | Yes | 3 |
| ## 83 | 83 | Yes | 3 |
| ## 84 | 84 | No | 1 |
| ## 85 | 85 | Yes | 2 |
| ## 86 | 86 | Yes | 3 |
| ## 87 | 87 | No | 3 |
| ## 88 | 88 | No | 3 |
| ## 89 | 89 | Yes | 1 |
| ## 90 | 90 | No | 3 |
| ## 91 | 91 | No | 3 |
| ## 92 | 92 | No | 3 |
| ## 93 | 93 | No | 1 |
| ## 94 | 94 | No | 3 |
| ## 95 | 95 | No | 3 |
| ## 96 | 96 | No | 3 |
| ## 97 | 97 | No | 1 |
| ## 98 | 98 | Yes | 1 |
| ## 99 | 99 | Yes | 2 |
| ## 100 | 100 | No | 2 |
| ## 101 | 101 | No | 3 |
| ## 102 | 102 | No | 3 |
| ## 103 | 103 | No | 1 |
| ## 104 | 104 | No | 3 |
| ## 105 | 105 | No | 3 |
| ## 106 | 106 | No | 3 |
| ## 107 | 107 | Yes | 3 |
| ## 108 | 108 | Yes | 3 |
| ## 109 | 109 | No | 3 |
| ## 110 | 110 | Yes | 3 |
| ## 111 | 111 | No | 1 |
| ## 112 | 112 | No | 3 |
| ## 113 | 113 | No | 3 |
| ## 114 | 114 | No | 3 |
| ## 115 | 115 | No | 3 |
| ## 116 | 116 | No | 3 |
| ## 117 | 117 | No | 3 |
| ## 118 | 118 | No | 2 |
| ## 119 | 119 | No | 1 |
| ## 120 | 120 | No | 3 |
| ## 121 | 121 | No | 2 |
| ## 122 | 122 | No | 3 |
| ## 123 | 123 | No | 2 |
| ## 124 | 124 | Yes | 2 |
| ## 125 | 125 | No | 1 |
| ## 126 | 126 | Yes | 3 |
| ## 127 | 127 | No | 3 |
| ## 128 | 128 | Yes | 3 |
| ## 129 | 129 | Yes | 3 |
| ## 130 | 130 | No | 3 |
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| ## 132 | 132 | No | 3 |
| ## 133 | 133 | No | 3 |

| | | | |
|--------|-----|-----|---|
| ## 134 | 134 | Yes | 2 |
| ## 135 | 135 | No | 2 |
| ## 136 | 136 | No | 2 |
| ## 137 | 137 | Yes | 1 |
| ## 138 | 138 | No | 1 |
| ## 139 | 139 | No | 3 |
| ## 140 | 140 | No | 1 |
| ## 141 | 141 | No | 3 |
| ## 142 | 142 | Yes | 3 |
| ## 143 | 143 | Yes | 3 |
| ## 144 | 144 | No | 3 |
| ## 145 | 145 | No | 2 |
| ## 146 | 146 | No | 2 |
| ## 147 | 147 | Yes | 3 |
| ## 148 | 148 | No | 3 |
| ## 149 | 149 | No | 2 |
| ## 150 | 150 | No | 2 |
| ## 151 | 151 | No | 2 |
| ## 152 | 152 | Yes | 1 |
| ## 153 | 153 | No | 3 |
| ## 154 | 154 | No | 3 |
| ## 155 | 155 | No | 3 |
| ## 156 | 156 | No | 1 |
| ## 157 | 157 | Yes | 3 |
| ## 158 | 158 | No | 3 |
| ## 159 | 159 | No | 3 |
| ## 160 | 160 | No | 3 |
| ## 161 | 161 | No | 3 |
| ## 162 | 162 | Yes | 2 |
| ## 163 | 163 | No | 3 |
| ## 164 | 164 | No | 3 |
| ## 165 | 165 | No | 3 |
| ## 166 | 166 | Yes | 3 |
| ## 167 | 167 | Yes | 1 |
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| ## 169 | 169 | No | 1 |
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| ## 171 | 171 | No | 1 |
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| ## 173 | 173 | Yes | 3 |
| ## 174 | 174 | No | 3 |
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| ## 176 | 176 | No | 3 |
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| ## 180 | 180 | No | 3 |
| ## 181 | 181 | No | 3 |
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| ## 187 | 187 | Yes | 3 |

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| ## 194 | 194 | Yes | 2 |
| ## 195 | 195 | Yes | 1 |
| ## 196 | 196 | Yes | 1 |
| ## 197 | 197 | No | 3 |
| ## 198 | 198 | No | 3 |
| ## 199 | 199 | Yes | 3 |
| ## 200 | 200 | No | 2 |
| ## 201 | 201 | No | 3 |
| ## 202 | 202 | No | 3 |
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| ## 212 | 212 | Yes | 2 |
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| ## 215 | 215 | No | 3 |
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| ## 294 | 294 | No | 3 |
| ## 295 | 295 | No | 3 |

| | | | |
|--------|-----|-----|---|
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| ## 297 | 297 | No | 3 |
| ## 298 | 298 | No | 1 |
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| ## 300 | 300 | Yes | 1 |
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| ## 309 | 309 | No | 2 |
| ## 310 | 310 | Yes | 1 |
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| ## 342 | 342 | Yes | 1 |
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| ## 344 | 344 | No | 2 |
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| ## 346 | 346 | Yes | 2 |
| ## 347 | 347 | Yes | 2 |
| ## 348 | 348 | Yes | 3 |
| ## 349 | 349 | Yes | 3 |

| | | | |
|--------|-----|-----|---|
| ## 350 | 350 | No | 3 |
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| ## 352 | 352 | No | 1 |
| ## 353 | 353 | No | 3 |
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| ## 356 | 356 | No | 3 |
| ## 357 | 357 | Yes | 1 |
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| ## 363 | 363 | No | 3 |
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| ## 367 | 367 | Yes | 1 |
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| ## 380 | 380 | No | 3 |
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| ## 387 | 387 | No | 3 |
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| ## 389 | 389 | No | 3 |
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| ## 391 | 391 | Yes | 1 |
| ## 392 | 392 | Yes | 3 |
| ## 393 | 393 | No | 3 |
| ## 394 | 394 | Yes | 1 |
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| ## 396 | 396 | No | 3 |
| ## 397 | 397 | No | 3 |
| ## 398 | 398 | No | 2 |
| ## 399 | 399 | No | 2 |
| ## 400 | 400 | Yes | 2 |
| ## 401 | 401 | Yes | 3 |
| ## 402 | 402 | No | 3 |
| ## 403 | 403 | No | 3 |

| | | | |
|--------|-----|-----|---|
| ## 404 | 404 | No | 3 |
| ## 405 | 405 | No | 3 |
| ## 406 | 406 | No | 2 |
| ## 407 | 407 | No | 3 |
| ## 408 | 408 | Yes | 2 |
| ## 409 | 409 | No | 3 |
| ## 410 | 410 | No | 3 |
| ## 411 | 411 | No | 3 |
| ## 412 | 412 | No | 3 |
| ## 413 | 413 | Yes | 1 |
| ## 414 | 414 | No | 2 |
| ## 415 | 415 | Yes | 3 |
| ## 416 | 416 | No | 3 |
| ## 417 | 417 | Yes | 2 |
| ## 418 | 418 | Yes | 2 |
| ## 419 | 419 | No | 2 |
| ## 420 | 420 | No | 3 |
| ## 421 | 421 | No | 3 |
| ## 422 | 422 | No | 3 |
| ## 423 | 423 | No | 3 |
| ## 424 | 424 | No | 3 |
| ## 425 | 425 | No | 3 |
| ## 426 | 426 | No | 3 |
| ## 427 | 427 | Yes | 2 |
| ## 428 | 428 | Yes | 2 |
| ## 429 | 429 | No | 3 |
| ## 430 | 430 | Yes | 3 |
| ## 431 | 431 | Yes | 1 |
| ## 432 | 432 | Yes | 3 |
| ## 433 | 433 | Yes | 2 |
| ## 434 | 434 | No | 3 |
| ## 435 | 435 | No | 1 |
| ## 436 | 436 | Yes | 1 |
| ## 437 | 437 | No | 3 |
| ## 438 | 438 | Yes | 2 |
| ## 439 | 439 | No | 1 |
| ## 440 | 440 | No | 2 |
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| ## 445 | 445 | Yes | 3 |
| ## 446 | 446 | Yes | 1 |
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| ## 448 | 448 | Yes | 1 |
| ## 449 | 449 | Yes | 3 |
| ## 450 | 450 | Yes | 1 |
| ## 451 | 451 | No | 2 |
| ## 452 | 452 | No | 3 |
| ## 453 | 453 | No | 1 |
| ## 454 | 454 | Yes | 1 |
| ## 455 | 455 | No | 3 |
| ## 456 | 456 | Yes | 3 |
| ## 457 | 457 | No | 1 |

| | | | |
|--------|-----|-----|---|
| ## 458 | 458 | Yes | 1 |
| ## 459 | 459 | Yes | 2 |
| ## 460 | 460 | No | 3 |
| ## 461 | 461 | Yes | 1 |
| ## 462 | 462 | No | 3 |
| ## 463 | 463 | No | 1 |
| ## 464 | 464 | No | 2 |
| ## 465 | 465 | No | 3 |
| ## 466 | 466 | No | 3 |
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| ## 468 | 468 | No | 1 |
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| ## 470 | 470 | Yes | 3 |
| ## 471 | 471 | No | 3 |
| ## 472 | 472 | No | 3 |
| ## 473 | 473 | Yes | 2 |
| ## 474 | 474 | Yes | 2 |
| ## 475 | 475 | No | 3 |
| ## 476 | 476 | No | 1 |
| ## 477 | 477 | No | 2 |
| ## 478 | 478 | No | 3 |
| ## 479 | 479 | No | 3 |
| ## 480 | 480 | Yes | 3 |
| ## 481 | 481 | No | 3 |
| ## 482 | 482 | No | 2 |
| ## 483 | 483 | No | 3 |
| ## 484 | 484 | Yes | 3 |
| ## 485 | 485 | Yes | 1 |
| ## 486 | 486 | No | 3 |
| ## 487 | 487 | Yes | 1 |
| ## 488 | 488 | No | 1 |
| ## 489 | 489 | No | 3 |
| ## 490 | 490 | Yes | 3 |
| ## 491 | 491 | No | 3 |
| ## 492 | 492 | No | 3 |
| ## 493 | 493 | No | 1 |
| ## 494 | 494 | No | 1 |
| ## 495 | 495 | No | 3 |
| ## 496 | 496 | No | 3 |
| ## 497 | 497 | Yes | 1 |
| ## 498 | 498 | No | 3 |
| ## 499 | 499 | No | 1 |
| ## 500 | 500 | No | 3 |
| ## 501 | 501 | No | 3 |
| ## 502 | 502 | No | 3 |
| ## 503 | 503 | No | 3 |
| ## 504 | 504 | No | 3 |
| ## 505 | 505 | Yes | 1 |
| ## 506 | 506 | No | 1 |
| ## 507 | 507 | Yes | 2 |
| ## 508 | 508 | Yes | 1 |
| ## 509 | 509 | No | 3 |
| ## 510 | 510 | Yes | 3 |
| ## 511 | 511 | Yes | 3 |

| | | | |
|--------|-----|-----|---|
| ## 512 | 512 | No | 3 |
| ## 513 | 513 | Yes | 1 |
| ## 514 | 514 | Yes | 1 |
| ## 515 | 515 | No | 3 |
| ## 516 | 516 | No | 1 |
| ## 517 | 517 | Yes | 2 |
| ## 518 | 518 | No | 3 |
| ## 519 | 519 | Yes | 2 |
| ## 520 | 520 | No | 3 |
| ## 521 | 521 | Yes | 1 |
| ## 522 | 522 | No | 3 |
| ## 523 | 523 | No | 3 |
| ## 524 | 524 | Yes | 1 |
| ## 525 | 525 | No | 3 |
| ## 526 | 526 | No | 3 |
| ## 527 | 527 | Yes | 2 |
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| ## 529 | 529 | No | 3 |
| ## 530 | 530 | No | 2 |
| ## 531 | 531 | Yes | 2 |
| ## 532 | 532 | No | 3 |
| ## 533 | 533 | No | 3 |
| ## 534 | 534 | Yes | 3 |
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| ## 539 | 539 | No | 3 |
| ## 540 | 540 | Yes | 1 |
| ## 541 | 541 | Yes | 1 |
| ## 542 | 542 | No | 3 |
| ## 543 | 543 | No | 3 |
| ## 544 | 544 | Yes | 2 |
| ## 545 | 545 | No | 1 |
| ## 546 | 546 | No | 1 |
| ## 547 | 547 | Yes | 2 |
| ## 548 | 548 | Yes | 2 |
| ## 549 | 549 | No | 3 |
| ## 550 | 550 | Yes | 2 |
| ## 551 | 551 | Yes | 1 |
| ## 552 | 552 | No | 2 |
| ## 553 | 553 | No | 3 |
| ## 554 | 554 | Yes | 3 |
| ## 555 | 555 | Yes | 3 |
| ## 556 | 556 | No | 1 |
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| ## 558 | 558 | No | 1 |
| ## 559 | 559 | Yes | 1 |
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| ## 561 | 561 | No | 3 |
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| ## 564 | 564 | No | 3 |
| ## 565 | 565 | No | 3 |

| | | | |
|--------|-----|-----|---|
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| ## 569 | 569 | No | 3 |
| ## 570 | 570 | Yes | 3 |
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| ## 572 | 572 | Yes | 1 |
| ## 573 | 573 | Yes | 1 |
| ## 574 | 574 | Yes | 3 |
| ## 575 | 575 | No | 3 |
| ## 576 | 576 | No | 3 |
| ## 577 | 577 | Yes | 2 |
| ## 578 | 578 | Yes | 1 |
| ## 579 | 579 | No | 3 |
| ## 580 | 580 | Yes | 3 |
| ## 581 | 581 | Yes | 2 |
| ## 582 | 582 | Yes | 1 |
| ## 583 | 583 | No | 2 |
| ## 584 | 584 | No | 1 |
| ## 585 | 585 | No | 3 |
| ## 586 | 586 | Yes | 1 |
| ## 587 | 587 | No | 2 |
| ## 588 | 588 | Yes | 1 |
| ## 589 | 589 | No | 3 |
| ## 590 | 590 | No | 3 |
| ## 591 | 591 | No | 3 |
| ## 592 | 592 | Yes | 1 |
| ## 593 | 593 | No | 3 |
| ## 594 | 594 | No | 3 |
| ## 595 | 595 | No | 2 |
| ## 596 | 596 | No | 3 |
| ## 597 | 597 | Yes | 2 |
| ## 598 | 598 | No | 3 |
| ## 599 | 599 | No | 3 |
| ## 600 | 600 | Yes | 1 |
| ## 601 | 601 | Yes | 2 |
| ## 602 | 602 | No | 3 |
| ## 603 | 603 | No | 1 |
| ## 604 | 604 | No | 3 |
| ## 605 | 605 | Yes | 1 |
| ## 606 | 606 | No | 3 |
| ## 607 | 607 | No | 3 |
| ## 608 | 608 | Yes | 1 |
| ## 609 | 609 | Yes | 2 |
| ## 610 | 610 | Yes | 1 |
| ## 611 | 611 | No | 3 |
| ## 612 | 612 | No | 3 |
| ## 613 | 613 | Yes | 3 |
| ## 614 | 614 | No | 3 |
| ## 615 | 615 | No | 3 |
| ## 616 | 616 | Yes | 2 |
| ## 617 | 617 | No | 3 |
| ## 618 | 618 | No | 3 |
| ## 619 | 619 | Yes | 2 |

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|--------|-----|-----|---|
| ## 620 | 620 | No | 2 |
| ## 621 | 621 | No | 3 |
| ## 622 | 622 | Yes | 1 |
| ## 623 | 623 | Yes | 3 |
| ## 624 | 624 | No | 3 |
| ## 625 | 625 | No | 3 |
| ## 626 | 626 | No | 1 |
| ## 627 | 627 | No | 2 |
| ## 628 | 628 | Yes | 1 |
| ## 629 | 629 | No | 3 |
| ## 630 | 630 | No | 3 |
| ## 631 | 631 | Yes | 1 |
| ## 632 | 632 | No | 3 |
| ## 633 | 633 | Yes | 1 |
| ## 634 | 634 | No | 1 |
| ## 635 | 635 | No | 3 |
| ## 636 | 636 | Yes | 2 |
| ## 637 | 637 | No | 3 |
| ## 638 | 638 | No | 2 |
| ## 639 | 639 | No | 3 |
| ## 640 | 640 | No | 3 |
| ## 641 | 641 | No | 3 |
| ## 642 | 642 | Yes | 1 |
| ## 643 | 643 | No | 3 |
| ## 644 | 644 | Yes | 3 |
| ## 645 | 645 | Yes | 3 |
| ## 646 | 646 | Yes | 1 |
| ## 647 | 647 | No | 3 |
| ## 648 | 648 | Yes | 1 |
| ## 649 | 649 | No | 3 |
| ## 650 | 650 | Yes | 3 |
| ## 651 | 651 | No | 3 |
| ## 652 | 652 | Yes | 2 |
| ## 653 | 653 | No | 3 |
| ## 654 | 654 | Yes | 3 |
| ## 655 | 655 | No | 3 |
| ## 656 | 656 | No | 2 |
| ## 657 | 657 | No | 3 |
| ## 658 | 658 | No | 3 |
| ## 659 | 659 | No | 2 |
| ## 660 | 660 | No | 1 |
| ## 661 | 661 | Yes | 1 |
| ## 662 | 662 | No | 3 |
| ## 663 | 663 | No | 1 |
| ## 664 | 664 | No | 3 |
| ## 665 | 665 | Yes | 3 |
| ## 666 | 666 | No | 2 |
| ## 667 | 667 | No | 2 |
| ## 668 | 668 | No | 3 |
| ## 669 | 669 | No | 3 |
| ## 670 | 670 | Yes | 1 |
| ## 671 | 671 | Yes | 2 |
| ## 672 | 672 | No | 1 |
| ## 673 | 673 | No | 2 |

| | | | |
|--------|-----|-----|---|
| ## 674 | 674 | Yes | 2 |
| ## 675 | 675 | No | 2 |
| ## 676 | 676 | No | 3 |
| ## 677 | 677 | No | 3 |
| ## 678 | 678 | Yes | 3 |
| ## 679 | 679 | No | 3 |
| ## 680 | 680 | Yes | 1 |
| ## 681 | 681 | No | 3 |
| ## 682 | 682 | Yes | 1 |
| ## 683 | 683 | No | 3 |
| ## 684 | 684 | No | 3 |
| ## 685 | 685 | No | 2 |
| ## 686 | 686 | No | 2 |
| ## 687 | 687 | No | 3 |
| ## 688 | 688 | No | 3 |
| ## 689 | 689 | No | 3 |
| ## 690 | 690 | Yes | 1 |
| ## 691 | 691 | Yes | 1 |
| ## 692 | 692 | Yes | 3 |
| ## 693 | 693 | Yes | 3 |
| ## 694 | 694 | No | 3 |
| ## 695 | 695 | No | 1 |
| ## 696 | 696 | No | 2 |
| ## 697 | 697 | No | 3 |
| ## 698 | 698 | Yes | 3 |
| ## 699 | 699 | No | 1 |
| ## 700 | 700 | No | 3 |
| ## 701 | 701 | Yes | 1 |
| ## 702 | 702 | Yes | 1 |
| ## 703 | 703 | No | 3 |
| ## 704 | 704 | No | 3 |
| ## 705 | 705 | No | 3 |
| ## 706 | 706 | No | 2 |
| ## 707 | 707 | Yes | 2 |
| ## 708 | 708 | Yes | 1 |
| ## 709 | 709 | Yes | 1 |
| ## 710 | 710 | Yes | 3 |
| ## 711 | 711 | Yes | 1 |
| ## 712 | 712 | No | 1 |
| ## 713 | 713 | Yes | 1 |
| ## 714 | 714 | No | 3 |
| ## 715 | 715 | No | 2 |
| ## 716 | 716 | No | 3 |
| ## 717 | 717 | Yes | 1 |
| ## 718 | 718 | Yes | 2 |
| ## 719 | 719 | No | 3 |
| ## 720 | 720 | No | 3 |
| ## 721 | 721 | Yes | 2 |
| ## 722 | 722 | No | 3 |
| ## 723 | 723 | No | 2 |
| ## 724 | 724 | No | 2 |
| ## 725 | 725 | Yes | 1 |
| ## 726 | 726 | No | 3 |
| ## 727 | 727 | Yes | 2 |

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|--------|-----|-----|---|
| ## 728 | 728 | Yes | 3 |
| ## 729 | 729 | No | 2 |
| ## 730 | 730 | No | 3 |
| ## 731 | 731 | Yes | 1 |
| ## 732 | 732 | No | 3 |
| ## 733 | 733 | No | 2 |
| ## 734 | 734 | No | 2 |
| ## 735 | 735 | No | 2 |
| ## 736 | 736 | No | 3 |
| ## 737 | 737 | No | 3 |
| ## 738 | 738 | Yes | 1 |
| ## 739 | 739 | No | 3 |
| ## 740 | 740 | No | 3 |
| ## 741 | 741 | Yes | 1 |
| ## 742 | 742 | No | 1 |
| ## 743 | 743 | Yes | 1 |
| ## 744 | 744 | No | 3 |
| ## 745 | 745 | Yes | 3 |
| ## 746 | 746 | No | 1 |
| ## 747 | 747 | No | 3 |
| ## 748 | 748 | Yes | 2 |
| ## 749 | 749 | No | 1 |
| ## 750 | 750 | No | 3 |
| ## 751 | 751 | Yes | 2 |
| ## 752 | 752 | Yes | 3 |
| ## 753 | 753 | No | 3 |
| ## 754 | 754 | No | 3 |
| ## 755 | 755 | Yes | 2 |
| ## 756 | 756 | Yes | 2 |
| ## 757 | 757 | No | 3 |
| ## 758 | 758 | No | 2 |
| ## 759 | 759 | No | 3 |
| ## 760 | 760 | Yes | 1 |
| ## 761 | 761 | No | 3 |
| ## 762 | 762 | No | 3 |
| ## 763 | 763 | Yes | 3 |
| ## 764 | 764 | Yes | 1 |
| ## 765 | 765 | No | 3 |
| ## 766 | 766 | Yes | 1 |
| ## 767 | 767 | No | 1 |
| ## 768 | 768 | No | 3 |
| ## 769 | 769 | No | 3 |
| ## 770 | 770 | No | 3 |
| ## 771 | 771 | No | 3 |
| ## 772 | 772 | No | 3 |
| ## 773 | 773 | No | 2 |
| ## 774 | 774 | No | 3 |
| ## 775 | 775 | Yes | 2 |
| ## 776 | 776 | No | 3 |
| ## 777 | 777 | No | 3 |
| ## 778 | 778 | Yes | 3 |
| ## 779 | 779 | No | 3 |
| ## 780 | 780 | Yes | 1 |
| ## 781 | 781 | Yes | 3 |

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|--------|-----|-----|---|
| ## 782 | 782 | Yes | 1 |
| ## 783 | 783 | No | 1 |
| ## 784 | 784 | No | 3 |
| ## 785 | 785 | No | 3 |
| ## 786 | 786 | No | 3 |
| ## 787 | 787 | Yes | 3 |
| ## 788 | 788 | No | 3 |
| ## 789 | 789 | Yes | 3 |
| ## 790 | 790 | No | 1 |
| ## 791 | 791 | No | 3 |
| ## 792 | 792 | No | 2 |
| ## 793 | 793 | No | 3 |
| ## 794 | 794 | No | 1 |
| ## 795 | 795 | No | 3 |
| ## 796 | 796 | No | 2 |
| ## 797 | 797 | Yes | 1 |
| ## 798 | 798 | Yes | 3 |
| ## 799 | 799 | No | 3 |
| ## 800 | 800 | No | 3 |
| ## 801 | 801 | No | 2 |
| ## 802 | 802 | Yes | 2 |
| ## 803 | 803 | Yes | 1 |
| ## 804 | 804 | Yes | 3 |
| ## 805 | 805 | Yes | 3 |
| ## 806 | 806 | No | 3 |
| ## 807 | 807 | No | 1 |
| ## 808 | 808 | No | 3 |
| ## 809 | 809 | No | 2 |
| ## 810 | 810 | Yes | 1 |
| ## 811 | 811 | No | 3 |
| ## 812 | 812 | No | 3 |
| ## 813 | 813 | No | 2 |
| ## 814 | 814 | No | 3 |
| ## 815 | 815 | No | 3 |
| ## 816 | 816 | No | 1 |
| ## 817 | 817 | No | 3 |
| ## 818 | 818 | No | 2 |
| ## 819 | 819 | No | 3 |
| ## 820 | 820 | No | 3 |
| ## 821 | 821 | Yes | 1 |
| ## 822 | 822 | Yes | 3 |
| ## 823 | 823 | No | 1 |
| ## 824 | 824 | Yes | 3 |
| ## 825 | 825 | No | 3 |
| ## 826 | 826 | No | 3 |
| ## 827 | 827 | No | 3 |
| ## 828 | 828 | Yes | 2 |
| ## 829 | 829 | Yes | 3 |
| ## 830 | 830 | Yes | 1 |
| ## 831 | 831 | Yes | 3 |
| ## 832 | 832 | Yes | 2 |
| ## 833 | 833 | No | 3 |
| ## 834 | 834 | No | 3 |
| ## 835 | 835 | No | 3 |

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|--------|-----|-----|---|
| ## 836 | 836 | Yes | 1 |
| ## 837 | 837 | No | 3 |
| ## 838 | 838 | No | 3 |
| ## 839 | 839 | Yes | 3 |
| ## 840 | 840 | Yes | 1 |
| ## 841 | 841 | No | 3 |
| ## 842 | 842 | No | 2 |
| ## 843 | 843 | Yes | 1 |
| ## 844 | 844 | No | 3 |
| ## 845 | 845 | No | 3 |
| ## 846 | 846 | No | 3 |
| ## 847 | 847 | No | 3 |
| ## 848 | 848 | No | 3 |
| ## 849 | 849 | No | 2 |
| ## 850 | 850 | Yes | 1 |
| ## 851 | 851 | No | 3 |
| ## 852 | 852 | No | 3 |
| ## 853 | 853 | No | 3 |
| ## 854 | 854 | Yes | 1 |
| ## 855 | 855 | No | 2 |
| ## 856 | 856 | Yes | 3 |
| ## 857 | 857 | Yes | 1 |
| ## 858 | 858 | Yes | 1 |
| ## 859 | 859 | Yes | 3 |
| ## 860 | 860 | No | 3 |
| ## 861 | 861 | No | 3 |
| ## 862 | 862 | No | 2 |
| ## 863 | 863 | Yes | 1 |
| ## 864 | 864 | No | 3 |
| ## 865 | 865 | No | 2 |
| ## 866 | 866 | Yes | 2 |
| ## 867 | 867 | Yes | 2 |
| ## 868 | 868 | No | 1 |
| ## 869 | 869 | No | 3 |
| ## 870 | 870 | Yes | 3 |
| ## 871 | 871 | No | 3 |
| ## 872 | 872 | Yes | 1 |
| ## 873 | 873 | No | 1 |
| ## 874 | 874 | No | 3 |
| ## 875 | 875 | Yes | 2 |
| ## 876 | 876 | Yes | 3 |
| ## 877 | 877 | No | 3 |
| ## 878 | 878 | No | 3 |
| ## 879 | 879 | No | 3 |
| ## 880 | 880 | Yes | 1 |
| ## 881 | 881 | Yes | 2 |
| ## 882 | 882 | No | 3 |
| ## 883 | 883 | No | 3 |
| ## 884 | 884 | No | 2 |
| ## 885 | 885 | No | 3 |
| ## 886 | 886 | No | 3 |
| ## 887 | 887 | No | 2 |
| ## 888 | 888 | Yes | 1 |
| ## 889 | 889 | No | 3 |

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|--------|-----|-----|---|---|
| ## 890 | 890 | Yes | 1 | |
| ## 891 | 891 | No | 3 | |
| ## | | | | name |
| ## 1 | | | | Braund, Mr. Owen Harris |
| ## 2 | | | | Cummings, Mrs. John Bradley (Florence Briggs Thayer) |
| ## 3 | | | | Heikkinen, Miss. Laina |
| ## 4 | | | | Futrelle, Mrs. Jacques Heath (Lily May Peel) |
| ## 5 | | | | Allen, Mr. William Henry |
| ## 6 | | | | Moran, Mr. James |
| ## 7 | | | | McCarthy, Mr. Timothy J |
| ## 8 | | | | Palsson, Master. Gosta Leonard |
| ## 9 | | | | Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg) |
| ## 10 | | | | Nasser, Mrs. Nicholas (Adele Achem) |
| ## 11 | | | | Sandstrom, Miss. Marguerite Rut |
| ## 12 | | | | Bonnell, Miss. Elizabeth |
| ## 13 | | | | Saunderscock, Mr. William Henry |
| ## 14 | | | | Andersson, Mr. Anders Johan |
| ## 15 | | | | Vestrom, Miss. Hulda Amanda Adolfina |
| ## 16 | | | | Hewlett, Mrs. (Mary D Kingcome) |
| ## 17 | | | | Rice, Master. Eugene |
| ## 18 | | | | Williams, Mr. Charles Eugene |
| ## 19 | | | | Vander Planke, Mrs. Julius (Emelia Maria Vandemoortele) |
| ## 20 | | | | Masselmani, Mrs. Fatima |
| ## 21 | | | | Fynney, Mr. Joseph J |
| ## 22 | | | | Beesley, Mr. Lawrence |
| ## 23 | | | | McGowan, Miss. Anna "Annie" |
| ## 24 | | | | Sloper, Mr. William Thompson |
| ## 25 | | | | Palsson, Miss. Torborg Danira |
| ## 26 | | | | Asplund, Mrs. Carl Oscar (Selma Augusta Emilia Johansson) |
| ## 27 | | | | Emir, Mr. Farred Chehab |
| ## 28 | | | | Fortune, Mr. Charles Alexander |
| ## 29 | | | | O'Dwyer, Miss. Ellen "Nellie" |
| ## 30 | | | | Todoroff, Mr. Lalio |
| ## 31 | | | | Uruchurtu, Don. Manuel E |
| ## 32 | | | | Spencer, Mrs. William Augustus (Marie Eugenie) |
| ## 33 | | | | Glynn, Miss. Mary Agatha |
| ## 34 | | | | Wheadon, Mr. Edward H |
| ## 35 | | | | Meyer, Mr. Edgar Joseph |
| ## 36 | | | | Holverson, Mr. Alexander Oskar |
| ## 37 | | | | Mamee, Mr. Hanna |
| ## 38 | | | | Cann, Mr. Ernest Charles |
| ## 39 | | | | Vander Planke, Miss. Augusta Maria |
| ## 40 | | | | Nicola-Yarred, Miss. Jamila |
| ## 41 | | | | Ahlin, Mrs. Johan (Johanna Persdotter Larsson) |
| ## 42 | | | | Turpin, Mrs. William John Robert (Dorothy Ann Wonnacott) |
| ## 43 | | | | Kraeff, Mr. Theodor |
| ## 44 | | | | Laroche, Miss. Simonne Marie Anne Andree |
| ## 45 | | | | Devaney, Miss. Margaret Delia |
| ## 46 | | | | Rogers, Mr. William John |
| ## 47 | | | | Lennon, Mr. Denis |
| ## 48 | | | | O'Driscoll, Miss. Bridget |
| ## 49 | | | | Samaan, Mr. Youssef |
| ## 50 | | | | Arnold-Franchi, Mrs. Josef (Josefine Franchi) |
| ## 51 | | | | Panula, Master. Juha Niilo |

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|--------|---|
| ## 52 | Nosworthy, Mr. Richard Cater |
| ## 53 | Harper, Mrs. Henry Sleeper (Myna Haxtun) |
| ## 54 | Faunthorpe, Mrs. Lizzie (Elizabeth Anne Wilkinson) |
| ## 55 | Ostby, Mr. Engelhart Cornelius |
| ## 56 | Woolner, Mr. Hugh |
| ## 57 | Rugg, Miss. Emily |
| ## 58 | Novel, Mr. Mansouer |
| ## 59 | West, Miss. Constance Mirium |
| ## 60 | Goodwin, Master. William Frederick |
| ## 61 | Sirayanian, Mr. Orsen |
| ## 62 | Icard, Miss. Amelie |
| ## 63 | Harris, Mr. Henry Birkhardt |
| ## 64 | Skoog, Master. Harald |
| ## 65 | Stewart, Mr. Albert A |
| ## 66 | Moubarek, Master. Gerios |
| ## 67 | Nye, Mrs. (Elizabeth Ramell) |
| ## 68 | Crease, Mr. Ernest James |
| ## 69 | Andersson, Miss. Erna Alexandra |
| ## 70 | Kink, Mr. Vincenz |
| ## 71 | Jenkin, Mr. Stephen Curnow |
| ## 72 | Goodwin, Miss. Lillian Amy |
| ## 73 | Hood, Mr. Ambrose Jr |
| ## 74 | Chronopoulos, Mr. Apostolos |
| ## 75 | Bing, Mr. Lee |
| ## 76 | Moen, Mr. Sigurd Hansen |
| ## 77 | Staneff, Mr. Ivan |
| ## 78 | Moutal, Mr. Rahamin Haim |
| ## 79 | Caldwell, Master. Alden Gates |
| ## 80 | Dowdell, Miss. Elizabeth |
| ## 81 | Waelens, Mr. Achille |
| ## 82 | Sheerlinck, Mr. Jan Baptist |
| ## 83 | McDermott, Miss. Brigdet Delia |
| ## 84 | Carrau, Mr. Francisco M |
| ## 85 | Ilett, Miss. Bertha |
| ## 86 | Backstrom, Mrs. Karl Alfred (Maria Mathilda Gustafsson) |
| ## 87 | Ford, Mr. William Neal |
| ## 88 | Slocovski, Mr. Selman Francis |
| ## 89 | Fortune, Miss. Mabel Helen |
| ## 90 | Celotti, Mr. Francesco |
| ## 91 | Christmann, Mr. Emil |
| ## 92 | Andreasson, Mr. Paul Edvin |
| ## 93 | Chaffee, Mr. Herbert Fuller |
| ## 94 | Dean, Mr. Bertram Frank |
| ## 95 | Coxon, Mr. Daniel |
| ## 96 | Shorney, Mr. Charles Joseph |
| ## 97 | Goldschmidt, Mr. George B |
| ## 98 | Greenfield, Mr. William Bertram |
| ## 99 | Doling, Mrs. John T (Ada Julia Bone) |
| ## 100 | Kantor, Mr. Sinai |
| ## 101 | Petranec, Miss. Matilda |
| ## 102 | Petroff, Mr. Pastcho ("Pentcho") |
| ## 103 | White, Mr. Richard Frasar |
| ## 104 | Johansson, Mr. Gustaf Joel |
| ## 105 | Gustafsson, Mr. Anders Vilhelm |

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| ## 106 | Mionoff, Mr. Stoytcho |
| ## 107 | Salkjelsvik, Miss. Anna Kristine |
| ## 108 | Moss, Mr. Albert Johan |
| ## 109 | Rekic, Mr. Tido |
| ## 110 | Moran, Miss. Bertha |
| ## 111 | Porter, Mr. Walter Chamberlain |
| ## 112 | Zabour, Miss. Hileni |
| ## 113 | Barton, Mr. David John |
| ## 114 | Jussila, Miss. Katriina |
| ## 115 | Attalah, Miss. Malake |
| ## 116 | Pekoniemi, Mr. Edvard |
| ## 117 | Connors, Mr. Patrick |
| ## 118 | Turpin, Mr. William John Robert |
| ## 119 | Baxter, Mr. Quigg Edmond |
| ## 120 | Andersson, Miss. Ellis Anna Maria |
| ## 121 | Hickman, Mr. Stanley George |
| ## 122 | Moore, Mr. Leonard Charles |
| ## 123 | Nasser, Mr. Nicholas |
| ## 124 | Webber, Miss. Susan |
| ## 125 | White, Mr. Percival Wayland |
| ## 126 | Nicola-Yarred, Master. Elias |
| ## 127 | McMahon, Mr. Martin |
| ## 128 | Madsen, Mr. Fridtjof Arne |
| ## 129 | Peter, Miss. Anna |
| ## 130 | Ekstrom, Mr. Johan |
| ## 131 | Drazenoic, Mr. Jozef |
| ## 132 | Coelho, Mr. Domingos Fernandeo |
| ## 133 | Robins, Mrs. Alexander A (Grace Charity Laury) |
| ## 134 | Weisz, Mrs. Leopold (Mathilde Francoise Pedé) |
| ## 135 | Sobey, Mr. Samuel James Hayden |
| ## 136 | Richard, Mr. Emile |
| ## 137 | Newsom, Miss. Helen Monypeny |
| ## 138 | Futrelle, Mr. Jacques Heath |
| ## 139 | Osen, Mr. Olaf Elon |
| ## 140 | Giglio, Mr. Victor |
| ## 141 | Boulos, Mrs. Joseph (Sultana) |
| ## 142 | Nysten, Miss. Anna Sofia |
| ## 143 | Hakkarainen, Mrs. Pekka Pietari (Elin Matilda Dolck) |
| ## 144 | Burke, Mr. Jeremiah |
| ## 145 | Andrew, Mr. Edgardo Samuel |
| ## 146 | Nicholls, Mr. Joseph Charles |
| ## 147 | Andersson, Mr. August Edvard ("Wennerstrom") |
| ## 148 | Ford, Miss. Robina Maggie "Ruby" |
| ## 149 | Navratil, Mr. Michel ("Louis M Hoffman") |
| ## 150 | Byles, Rev. Thomas Roussel Davids |
| ## 151 | Bateman, Rev. Robert James |
| ## 152 | Pears, Mrs. Thomas (Edith Wearne) |
| ## 153 | Meo, Mr. Alfonzo |
| ## 154 | van Billiard, Mr. Austin Blyler |
| ## 155 | Olsen, Mr. Ole Martin |
| ## 156 | Williams, Mr. Charles Duane |
| ## 157 | Gilnagh, Miss. Katherine "Katie" |
| ## 158 | Corn, Mr. Harry |
| ## 159 | Smiljanic, Mr. Mile |

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|--------|--|
| ## 160 | Sage, Master. Thomas Henry |
| ## 161 | Cribb, Mr. John Hatfield |
| ## 162 | Watt, Mrs. James (Elizabeth "Bessie" Inglis Milne) |
| ## 163 | Bengtsson, Mr. John Viktor |
| ## 164 | Calic, Mr. Jovo |
| ## 165 | Panula, Master. Eino Viljami |
| ## 166 | Goldsmith, Master. Frank John William "Frankie" |
| ## 167 | Chibnall, Mrs. (Edith Martha Bowerman) |
| ## 168 | Skoog, Mrs. William (Anna Bernhardina Karlsson) |
| ## 169 | Baumann, Mr. John D |
| ## 170 | Ling, Mr. Lee |
| ## 171 | Van der hoef, Mr. Wyckoff |
| ## 172 | Rice, Master. Arthur |
| ## 173 | Johnson, Miss. Eleanor Ileen |
| ## 174 | Sivola, Mr. Antti Wilhelm |
| ## 175 | Smith, Mr. James Clinch |
| ## 176 | Klasen, Mr. Klas Albin |
| ## 177 | Lefebvre, Master. Henry Forbes |
| ## 178 | Isham, Miss. Ann Elizabeth |
| ## 179 | Hale, Mr. Reginald |
| ## 180 | Leonard, Mr. Lionel |
| ## 181 | Sage, Miss. Constance Gladys |
| ## 182 | Pernot, Mr. Rene |
| ## 183 | Asplund, Master. Clarence Gustaf Hugo |
| ## 184 | Becker, Master. Richard F |
| ## 185 | Kink-Heilmann, Miss. Luise Gretchen |
| ## 186 | Rood, Mr. Hugh Roscoe |
| ## 187 | O'Brien, Mrs. Thomas (Johanna "Hannah" Godfrey) |
| ## 188 | Romaine, Mr. Charles Hallace ("Mr C Rolmane") |
| ## 189 | Bourke, Mr. John |
| ## 190 | Turcin, Mr. Stjepan |
| ## 191 | Pinsky, Mrs. (Rosa) |
| ## 192 | Carbines, Mr. William |
| ## 193 | Andersen-Jensen, Miss. Carla Christine Nielsine |
| ## 194 | Navratil, Master. Michel M |
| ## 195 | Brown, Mrs. James Joseph (Margaret Tobin) |
| ## 196 | Lurette, Miss. Elise |
| ## 197 | Mernagh, Mr. Robert |
| ## 198 | Olsen, Mr. Karl Siegwart Andreas |
| ## 199 | Madigan, Miss. Margaret "Maggie" |
| ## 200 | Yrois, Miss. Henriette ("Mrs Harbeck") |
| ## 201 | Vande Walle, Mr. Nestor Cyriel |
| ## 202 | Sage, Mr. Frederick |
| ## 203 | Johanson, Mr. Jakob Alfred |
| ## 204 | Youseff, Mr. Gerious |
| ## 205 | Cohen, Mr. Gurshon "Gus" |
| ## 206 | Strom, Miss. Telma Matilda |
| ## 207 | Backstrom, Mr. Karl Alfred |
| ## 208 | Albimona, Mr. Nassef Cassem |
| ## 209 | Carr, Miss. Helen "Ellen" |
| ## 210 | Blank, Mr. Henry |
| ## 211 | Ali, Mr. Ahmed |
| ## 212 | Cameron, Miss. Clear Annie |
| ## 213 | Perkin, Mr. John Henry |

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| ## 214 | Givard, Mr. Hans Kristensen |
| ## 215 | Kiernan, Mr. Philip |
| ## 216 | Newell, Miss. Madeleine |
| ## 217 | Honkanen, Miss. Eliina |
| ## 218 | Jacobsohn, Mr. Sidney Samuel |
| ## 219 | Bazzani, Miss. Albina |
| ## 220 | Harris, Mr. Walter |
| ## 221 | Sunderland, Mr. Victor Francis |
| ## 222 | Bracken, Mr. James H |
| ## 223 | Green, Mr. George Henry |
| ## 224 | Nenkoff, Mr. Christo |
| ## 225 | Hoyt, Mr. Frederick Maxfield |
| ## 226 | Berglund, Mr. Karl Ivar Sven |
| ## 227 | Mellors, Mr. William John |
| ## 228 | Lovell, Mr. John Hall ("Henry") |
| ## 229 | Fahlstrom, Mr. Arne Jonas |
| ## 230 | Lefebre, Miss. Mathilde |
| ## 231 | Harris, Mrs. Henry Birkhardt (Irene Wallach) |
| ## 232 | Larsson, Mr. Bengt Edvin |
| ## 233 | Sjostedt, Mr. Ernst Adolf |
| ## 234 | Asplund, Miss. Lillian Gertrud |
| ## 235 | Leyson, Mr. Robert William Norman |
| ## 236 | Harknett, Miss. Alice Phoebe |
| ## 237 | Hold, Mr. Stephen |
| ## 238 | Collyer, Miss. Marjorie "Lottie" |
| ## 239 | Pengelly, Mr. Frederick William |
| ## 240 | Hunt, Mr. George Henry |
| ## 241 | Zabour, Miss. Thamine |
| ## 242 | Murphy, Miss. Katherine "Kate" |
| ## 243 | Coleridge, Mr. Reginald Charles |
| ## 244 | Maenpaa, Mr. Matti Alexanteri |
| ## 245 | Attalah, Mr. Sleiman |
| ## 246 | Minahan, Dr. William Edward |
| ## 247 | Lindahl, Miss. Agda Thorilda Viktoria |
| ## 248 | Hamalainen, Mrs. William (Anna) |
| ## 249 | Beckwith, Mr. Richard Leonard |
| ## 250 | Carter, Rev. Ernest Courtenay |
| ## 251 | Reed, Mr. James George |
| ## 252 | Strom, Mrs. Wilhelm (Elna Matilda Persson) |
| ## 253 | Stead, Mr. William Thomas |
| ## 254 | Lobb, Mr. William Arthur |
| ## 255 | Rosblom, Mrs. Viktor (Helena Wilhelmina) |
| ## 256 | Touma, Mrs. Darwis (Hanne Youssef Razi) |
| ## 257 | Thorne, Mrs. Gertrude Maybelle |
| ## 258 | Cherry, Miss. Gladys |
| ## 259 | Ward, Miss. Anna |
| ## 260 | Parrish, Mrs. (Lutie Davis) |
| ## 261 | Smith, Mr. Thomas |
| ## 262 | Asplund, Master. Edvin Rojj Felix |
| ## 263 | Taussig, Mr. Emil |
| ## 264 | Harrison, Mr. William |
| ## 265 | Henry, Miss. Delia |
| ## 266 | Reeves, Mr. David |
| ## 267 | Panula, Mr. Ernesti Arvid |

268 Persson, Mr. Ernst Ulrik
 ## 269 Graham, Mrs. William Thompson (Edith Junkins)
 ## 270 Bisette, Miss. Amelia
 ## 271 Cairns, Mr. Alexander
 ## 272 Tornquist, Mr. William Henry
 ## 273 Mellinger, Mrs. (Elizabeth Anne Maidment)
 ## 274 Natsch, Mr. Charles H
 ## 275 Healy, Miss. Hanora "Nora"
 ## 276 Andrews, Miss. Kornelia Theodosia
 ## 277 Lindblom, Miss. Augusta Charlotta
 ## 278 Parkes, Mr. Francis "Frank"
 ## 279 Rice, Master. Eric
 ## 280 Abbott, Mrs. Stanton (Rosa Hunt)
 ## 281 Duane, Mr. Frank
 ## 282 Olsson, Mr. Nils Johan Goransson
 ## 283 de Pelsmaeker, Mr. Alfons
 ## 284 Dorking, Mr. Edward Arthur
 ## 285 Smith, Mr. Richard William
 ## 286 Stankovic, Mr. Ivan
 ## 287 de Mulder, Mr. Theodore
 ## 288 Naidenoff, Mr. Penko
 ## 289 Hosono, Mr. Masabumi
 ## 290 Connolly, Miss. Kate
 ## 291 Barber, Miss. Ellen "Nellie"
 ## 292 Bishop, Mrs. Dickinson H (Helen Walton)
 ## 293 Levy, Mr. Rene Jacques
 ## 294 Haas, Miss. Aloisia
 ## 295 Mineff, Mr. Ivan
 ## 296 Lewy, Mr. Ervin G
 ## 297 Hanna, Mr. Mansour
 ## 298 Allison, Miss. Helen Loraine
 ## 299 Saalfeld, Mr. Adolphe
 ## 300 Baxter, Mrs. James (Helene DeLaudeniére Chaput)
 ## 301 Kelly, Miss. Anna Katherine "Annie Kate"
 ## 302 McCoy, Mr. Bernard
 ## 303 Johnson, Mr. William Cahoon Jr
 ## 304 Keane, Miss. Nora A
 ## 305 Williams, Mr. Howard Hugh "Harry"
 ## 306 Allison, Master. Hudson Trevor
 ## 307 Fleming, Miss. Margaret
 ## 308 Penasco y Castellana, Mrs. Victor de Satode (Maria Josefa Perez de Soto y Vallejo)
 ## 309 Abelson, Mr. Samuel
 ## 310 Francatelli, Miss. Laura Mabel
 ## 311 Hays, Miss. Margaret Bechstein
 ## 312 Ryerson, Miss. Emily Borie
 ## 313 Lahtinen, Mrs. William (Anna Sylfven)
 ## 314 Hendekovic, Mr. Ignjac
 ## 315 Hart, Mr. Benjamin
 ## 316 Nilsson, Miss. Helmina Josefina
 ## 317 Kantor, Mrs. Sinai (Miriam Sternin)
 ## 318 Moraweck, Dr. Ernest
 ## 319 Wick, Miss. Mary Natalie
 ## 320 Spedden, Mrs. Frederic Oakley (Margaretta Corning Stone)
 ## 321 Dennis, Mr. Samuel

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| ## 322 | Danoff, Mr. Yoto |
| ## 323 | Slayter, Miss. Hilda Mary |
| ## 324 | Caldwell, Mrs. Albert Francis (Sylvia Mae Harbaugh) |
| ## 325 | Sage, Mr. George John Jr |
| ## 326 | Young, Miss. Marie Grice |
| ## 327 | Nysveen, Mr. Johan Hansen |
| ## 328 | Ball, Mrs. (Ada E Hall) |
| ## 329 | Goldsmith, Mrs. Frank John (Emily Alice Brown) |
| ## 330 | Hippach, Miss. Jean Gertrude |
| ## 331 | McCoy, Miss. Agnes |
| ## 332 | Partner, Mr. Austen |
| ## 333 | Graham, Mr. George Edward |
| ## 334 | Vander Planke, Mr. Leo Edmondus |
| ## 335 | Frauenthal, Mrs. Henry William (Clara Heinsheimer) |
| ## 336 | Denkoff, Mr. Mitto |
| ## 337 | Pears, Mr. Thomas Clinton |
| ## 338 | Burns, Miss. Elizabeth Margaret |
| ## 339 | Dahl, Mr. Karl Edwart |
| ## 340 | Blackwell, Mr. Stephen Weart |
| ## 341 | Navratil, Master. Edmond Roger |
| ## 342 | Fortune, Miss. Alice Elizabeth |
| ## 343 | Collander, Mr. Erik Gustaf |
| ## 344 | Sedgwick, Mr. Charles Frederick Waddington |
| ## 345 | Fox, Mr. Stanley Hubert |
| ## 346 | Brown, Miss. Amelia "Mildred" |
| ## 347 | Smith, Miss. Marion Elsie |
| ## 348 | Davison, Mrs. Thomas Henry (Mary E Finck) |
| ## 349 | Coutts, Master. William Loch "William" |
| ## 350 | Dimic, Mr. Jovan |
| ## 351 | Odahl, Mr. Nils Martin |
| ## 352 | Williams-Lambert, Mr. Fletcher Fellows |
| ## 353 | Elias, Mr. Tannous |
| ## 354 | Arnold-Franchi, Mr. Josef |
| ## 355 | Yousif, Mr. Wazli |
| ## 356 | Vanden Steen, Mr. Leo Peter |
| ## 357 | Bowerman, Miss. Elsie Edith |
| ## 358 | Funk, Miss. Annie Clemmer |
| ## 359 | McGovern, Miss. Mary |
| ## 360 | Mockler, Miss. Helen Mary "Ellie" |
| ## 361 | Skoog, Mr. Wilhelm |
| ## 362 | del Carlo, Mr. Sebastiano |
| ## 363 | Barbara, Mrs. (Catherine David) |
| ## 364 | Asim, Mr. Adola |
| ## 365 | O'Brien, Mr. Thomas |
| ## 366 | Adahl, Mr. Mauritz Nils Martin |
| ## 367 | Warren, Mrs. Frank Manley (Anna Sophia Atkinson) |
| ## 368 | Moussa, Mrs. (Mantoura Boulos) |
| ## 369 | Jermyn, Miss. Annie |
| ## 370 | Aubart, Mme. Leontine Pauline |
| ## 371 | Harder, Mr. George Achilles |
| ## 372 | Wiklund, Mr. Jakob Alfred |
| ## 373 | Beavan, Mr. William Thomas |
| ## 374 | Ringhini, Mr. Sante |
| ## 375 | Palsson, Miss. Stina Viola |

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| ## 376 | Meyer, Mrs. Edgar Joseph (Leila Saks) |
| ## 377 | Landergren, Miss. Aurora Adelia |
| ## 378 | Widener, Mr. Harry Elkins |
| ## 379 | Betros, Mr. Tannous |
| ## 380 | Gustafsson, Mr. Karl Gideon |
| ## 381 | Bidois, Miss. Rosalie |
| ## 382 | Nakid, Miss. Maria ("Mary") |
| ## 383 | Tikkanen, Mr. Juho |
| ## 384 | Holverson, Mrs. Alexander Oskar (Mary Aline Towner) |
| ## 385 | Plotcharsky, Mr. Vasil |
| ## 386 | Davies, Mr. Charles Henry |
| ## 387 | Goodwin, Master. Sidney Leonard |
| ## 388 | Buss, Miss. Kate |
| ## 389 | Sadlier, Mr. Matthew |
| ## 390 | Lehmann, Miss. Bertha |
| ## 391 | Carter, Mr. William Ernest |
| ## 392 | Jansson, Mr. Carl Olof |
| ## 393 | Gustafsson, Mr. Johan Birger |
| ## 394 | Newell, Miss. Marjorie |
| ## 395 | Sandstrom, Mrs. Hjalmar (Agnes Charlotta Bengtsson) |
| ## 396 | Johansson, Mr. Erik |
| ## 397 | Olsson, Miss. Elina |
| ## 398 | McKane, Mr. Peter David |
| ## 399 | Pain, Dr. Alfred |
| ## 400 | Trout, Mrs. William H (Jessie L) |
| ## 401 | Niskanen, Mr. Juha |
| ## 402 | Adams, Mr. John |
| ## 403 | Jussila, Miss. Mari Aina |
| ## 404 | Hakkarainen, Mr. Pekka Pietari |
| ## 405 | Oreskovic, Miss. Marija |
| ## 406 | Gale, Mr. Shadrach |
| ## 407 | Widegren, Mr. Carl/Charles Peter |
| ## 408 | Richards, Master. William Rowe |
| ## 409 | Birkeland, Mr. Hans Martin Monsen |
| ## 410 | Lefebre, Miss. Ida |
| ## 411 | Sdycoff, Mr. Todor |
| ## 412 | Hart, Mr. Henry |
| ## 413 | Minahan, Miss. Daisy E |
| ## 414 | Cunningham, Mr. Alfred Fleming |
| ## 415 | Sundman, Mr. Johan Julian |
| ## 416 | Meek, Mrs. Thomas (Annie Louise Rowley) |
| ## 417 | Drew, Mrs. James Vivian (Lulu Thorne Christian) |
| ## 418 | Silven, Miss. Lyyli Karoliina |
| ## 419 | Matthews, Mr. William John |
| ## 420 | Van Impe, Miss. Catharina |
| ## 421 | Gheorgheff, Mr. Stanio |
| ## 422 | Charters, Mr. David |
| ## 423 | Zimmerman, Mr. Leo |
| ## 424 | Danbom, Mrs. Ernst Gilbert (Anna Sigrid Maria Brogren) |
| ## 425 | Rosblom, Mr. Viktor Richard |
| ## 426 | Wiseman, Mr. Phillippe |
| ## 427 | Clarke, Mrs. Charles V (Ada Maria Winfield) |
| ## 428 | Phillips, Miss. Kate Florence ("Mrs Kate Louise Phillips Marshall") |
| ## 429 | Flynn, Mr. James |

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| ## 430 | Pickard, Mr. Berk (Berk Trembisky) |
| ## 431 | Bjornstrom-Steffansson, Mr. Mauritz Hakan |
| ## 432 | Thorneycroft, Mrs. Percival (Florence Kate White) |
| ## 433 | Louch, Mrs. Charles Alexander (Alice Adelaide Slow) |
| ## 434 | Kallio, Mr. Nikolai Erland |
| ## 435 | Silvey, Mr. William Baird |
| ## 436 | Carter, Miss. Lucile Polk |
| ## 437 | Ford, Miss. Doolina Margaret "Daisy" |
| ## 438 | Richards, Mrs. Sidney (Emily Hocking) |
| ## 439 | Fortune, Mr. Mark |
| ## 440 | Kvillner, Mr. Johan Henrik Johannesson |
| ## 441 | Hart, Mrs. Benjamin (Esther Ada Bloomfield) |
| ## 442 | Hampe, Mr. Leon |
| ## 443 | Petterson, Mr. Johan Emil |
| ## 444 | Reynaldo, Ms. Encarnacion |
| ## 445 | Johannesen-Bratthammer, Mr. Bernt |
| ## 446 | Dodge, Master. Washington |
| ## 447 | Mellinger, Miss. Madeleine Violet |
| ## 448 | Seward, Mr. Frederic Kimber |
| ## 449 | Baclini, Miss. Marie Catherine |
| ## 450 | Peuchen, Major. Arthur Godfrey |
| ## 451 | West, Mr. Edwy Arthur |
| ## 452 | Hagland, Mr. Ingvald Olai Olsen |
| ## 453 | Foreman, Mr. Benjamin Laventall |
| ## 454 | Goldenberg, Mr. Samuel L |
| ## 455 | Peduzzi, Mr. Joseph |
| ## 456 | Jalsevac, Mr. Ivan |
| ## 457 | Millet, Mr. Francis Davis |
| ## 458 | Kenyon, Mrs. Frederick R (Marion) |
| ## 459 | Toomey, Miss. Ellen |
| ## 460 | O'Connor, Mr. Maurice |
| ## 461 | Anderson, Mr. Harry |
| ## 462 | Morley, Mr. William |
| ## 463 | Gee, Mr. Arthur H |
| ## 464 | Milling, Mr. Jacob Christian |
| ## 465 | Maisner, Mr. Simon |
| ## 466 | Goncalves, Mr. Manuel Estanslas |
| ## 467 | Campbell, Mr. William |
| ## 468 | Smart, Mr. John Montgomery |
| ## 469 | Scanlan, Mr. James |
| ## 470 | Baclini, Miss. Helene Barbara |
| ## 471 | Keefe, Mr. Arthur |
| ## 472 | Cacic, Mr. Luka |
| ## 473 | West, Mrs. Edwy Arthur (Ada Mary Worth) |
| ## 474 | Jerwan, Mrs. Amin S (Marie Marthe Thuillard) |
| ## 475 | Strandberg, Miss. Ida Sofia |
| ## 476 | Clifford, Mr. George Quincy |
| ## 477 | Renouf, Mr. Peter Henry |
| ## 478 | Braund, Mr. Lewis Richard |
| ## 479 | Karlsson, Mr. Nils August |
| ## 480 | Hirvonen, Miss. Hildur E |
| ## 481 | Goodwin, Master. Harold Victor |
| ## 482 | Frost, Mr. Anthony Wood "Archie" |
| ## 483 | Rouse, Mr. Richard Henry |

484 Turkula, Mrs. (Hedwig)
 ## 485 Bishop, Mr. Dickinson H
 ## 486 Lefebvre, Miss. Jeannie
 ## 487 Hoyt, Mrs. Frederick Maxfield (Jane Anne Forby)
 ## 488 Kent, Mr. Edward Austin
 ## 489 Somerton, Mr. Francis William
 ## 490 Coutts, Master. Eden Leslie "Neville"
 ## 491 Hagland, Mr. Konrad Mathias Reiersen
 ## 492 Windelov, Mr. Einar
 ## 493 Molson, Mr. Harry Markland
 ## 494 Artagaveytia, Mr. Ramon
 ## 495 Stanley, Mr. Edward Roland
 ## 496 Yousseff, Mr. Gerious
 ## 497 Eustis, Miss. Elizabeth Mussey
 ## 498 Shellard, Mr. Frederick William
 ## 499 Allison, Mrs. Hudson J C (Bessie Waldo Daniels)
 ## 500 Svensson, Mr. Olof
 ## 501 Calic, Mr. Petar
 ## 502 Canavan, Miss. Mary
 ## 503 O'Sullivan, Miss. Bridget Mary
 ## 504 Laitinen, Miss. Kristina Sofia
 ## 505 Maioni, Miss. Roberta
 ## 506 Penasco y Castellana, Mr. Victor de Satode
 ## 507 Quick, Mrs. Frederick Charles (Jane Richards)
 ## 508 Bradley, Mr. George ("George Arthur Brayton")
 ## 509 Olsen, Mr. Henry Margido
 ## 510 Lang, Mr. Fang
 ## 511 Daly, Mr. Eugene Patrick
 ## 512 Webber, Mr. James
 ## 513 McGough, Mr. James Robert
 ## 514 Rothschild, Mrs. Martin (Elizabeth L. Barrett)
 ## 515 Coleff, Mr. Satio
 ## 516 Walker, Mr. William Anderson
 ## 517 Lemoire, Mrs. (Amelia Milley)
 ## 518 Ryan, Mr. Patrick
 ## 519 Angle, Mrs. William A (Florence "Mary" Agnes Hughes)
 ## 520 Pavlovic, Mr. Stefo
 ## 521 Perreault, Miss. Anne
 ## 522 Vovk, Mr. Janko
 ## 523 Lahoud, Mr. Sarkis
 ## 524 Hippach, Mrs. Louis Albert (Ida Sophia Fischer)
 ## 525 Kassem, Mr. Fared
 ## 526 Farrell, Mr. James
 ## 527 Ridsdale, Miss. Lucy
 ## 528 Farthing, Mr. John
 ## 529 Salonen, Mr. Johan Werner
 ## 530 Hocking, Mr. Richard George
 ## 531 Quick, Miss. Phyllis May
 ## 532 Toufik, Mr. Nakli
 ## 533 Elias, Mr. Joseph Jr
 ## 534 Peter, Mrs. Catherine (Catherine Rizk)
 ## 535 Cacic, Miss. Marija
 ## 536 Hart, Miss. Eva Miriam
 ## 537 Butt, Major. Archibald Willingham

538 LeRoy, Miss. Bertha
 ## 539 Risien, Mr. Samuel Beard
 ## 540 Frolicher, Miss. Hedwig Margaritha
 ## 541 Crosby, Miss. Harriet R
 ## 542 Andersson, Miss. Ingeborg Constanzia
 ## 543 Andersson, Miss. Sigrid Elisabeth
 ## 544 Beane, Mr. Edward
 ## 545 Douglas, Mr. Walter Donald
 ## 546 Nicholson, Mr. Arthur Ernest
 ## 547 Beane, Mrs. Edward (Ethel Clarke)
 ## 548 Padro y Manent, Mr. Julian
 ## 549 Goldsmith, Mr. Frank John
 ## 550 Davies, Master. John Morgan Jr
 ## 551 Thayer, Mr. John Borland Jr
 ## 552 Sharp, Mr. Percival James R
 ## 553 O'Brien, Mr. Timothy
 ## 554 Leeni, Mr. Fahim ("Philip Zenni")
 ## 555 Ohman, Miss. Velin
 ## 556 Wright, Mr. George
 ## 557 Duff Gordon, Lady. (Lucille Christiana Sutherland) ("Mrs Morgan")
 ## 558 Robbins, Mr. Victor
 ## 559 Taussig, Mrs. Emil (Tillie Mandelbaum)
 ## 560 de Messemaeker, Mrs. Guillaume Joseph (Emma)
 ## 561 Morrow, Mr. Thomas Rowan
 ## 562 Sivic, Mr. Husein
 ## 563 Norman, Mr. Robert Douglas
 ## 564 Simmons, Mr. John
 ## 565 Meanwell, Miss. (Marion Ogden)
 ## 566 Davies, Mr. Alfred J
 ## 567 Stoytcheff, Mr. Ilia
 ## 568 Palsson, Mrs. Nils (Alma Cornelia Berglund)
 ## 569 Doharr, Mr. Tannous
 ## 570 Jonsson, Mr. Carl
 ## 571 Harris, Mr. George
 ## 572 Appleton, Mrs. Edward Dale (Charlotte Lamson)
 ## 573 Flynn, Mr. John Irwin ("Irving")
 ## 574 Kelly, Miss. Mary
 ## 575 Rush, Mr. Alfred George John
 ## 576 Patchett, Mr. George
 ## 577 Garside, Miss. Ethel
 ## 578 Silvey, Mrs. William Baird (Alice Munger)
 ## 579 Caram, Mrs. Joseph (Maria Elias)
 ## 580 Jussila, Mr. Eiriik
 ## 581 Christy, Miss. Julie Rachel
 ## 582 Thayer, Mrs. John Borland (Marian Longstreth Morris)
 ## 583 Downton, Mr. William James
 ## 584 Ross, Mr. John Hugo
 ## 585 Paulner, Mr. Uscher
 ## 586 Taussig, Miss. Ruth
 ## 587 Jarvis, Mr. John Denzil
 ## 588 Frolicher-Stehli, Mr. Maxmillian
 ## 589 Gilinski, Mr. Eliezer
 ## 590 Murdlin, Mr. Joseph
 ## 591 Rintamaki, Mr. Matti

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| ## 592 | Stephenson, Mrs. Walter Bertram (Martha Eustis) |
| ## 593 | Elsbury, Mr. William James |
| ## 594 | Bourke, Miss. Mary |
| ## 595 | Chapman, Mr. John Henry |
| ## 596 | Van Impe, Mr. Jean Baptiste |
| ## 597 | Leitch, Miss. Jessie Wills |
| ## 598 | Johnson, Mr. Alfred |
| ## 599 | Boulos, Mr. Hanna |
| ## 600 | Duff Gordon, Sir. Cosmo Edmund ("Mr Morgan") |
| ## 601 | Jacobsohn, Mrs. Sidney Samuel (Amy Frances Christy) |
| ## 602 | Slabenoff, Mr. Petco |
| ## 603 | Harrington, Mr. Charles H |
| ## 604 | Torber, Mr. Ernst William |
| ## 605 | Homer, Mr. Harry ("Mr E Haven") |
| ## 606 | Lindell, Mr. Edvard Bengtsson |
| ## 607 | Karaic, Mr. Milan |
| ## 608 | Daniel, Mr. Robert Williams |
| ## 609 | Laroche, Mrs. Joseph (Juliette Marie Louise Lafargue) |
| ## 610 | Shutes, Miss. Elizabeth W |
| ## 611 | Andersson, Mrs. Anders Johan (Alfrida Konstantia Brogren) |
| ## 612 | Jardin, Mr. Jose Neto |
| ## 613 | Murphy, Miss. Margaret Jane |
| ## 614 | Horgan, Mr. John |
| ## 615 | Brocklebank, Mr. William Alfred |
| ## 616 | Herman, Miss. Alice |
| ## 617 | Danbom, Mr. Ernst Gilbert |
| ## 618 | Lobb, Mrs. William Arthur (Cordelia K Stanlick) |
| ## 619 | Becker, Miss. Marion Louise |
| ## 620 | Gavey, Mr. Lawrence |
| ## 621 | Yasbeck, Mr. Antoni |
| ## 622 | Kimball, Mr. Edwin Nelson Jr |
| ## 623 | Nakid, Mr. Sahid |
| ## 624 | Hansen, Mr. Henry Damsgaard |
| ## 625 | Bowen, Mr. David John "Dai" |
| ## 626 | Sutton, Mr. Frederick |
| ## 627 | Kirkland, Rev. Charles Leonard |
| ## 628 | Longley, Miss. Gretchen Fiske |
| ## 629 | Bostandyeff, Mr. Guentcho |
| ## 630 | O'Connell, Mr. Patrick D |
| ## 631 | Barkworth, Mr. Algernon Henry Wilson |
| ## 632 | Lundahl, Mr. Johan Svensson |
| ## 633 | Stahelin-Maeglin, Dr. Max |
| ## 634 | Parr, Mr. William Henry Marsh |
| ## 635 | Skoog, Miss. Mabel |
| ## 636 | Davis, Miss. Mary |
| ## 637 | Leinonen, Mr. Antti Gustaf |
| ## 638 | Collyer, Mr. Harvey |
| ## 639 | Panula, Mrs. Juha (Maria Emilia Ojala) |
| ## 640 | Thorneycroft, Mr. Percival |
| ## 641 | Jensen, Mr. Hans Peder |
| ## 642 | Sagesser, Mlle. Emma |
| ## 643 | Skoog, Miss. Margit Elizabeth |
| ## 644 | Foo, Mr. Choong |
| ## 645 | Baclini, Miss. Eugenie |

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| ## 646 | Harper, Mr. Henry Sleeper |
| ## 647 | Cor, Mr. Liudevit |
| ## 648 | Simonius-Blumer, Col. Oberst Alfons |
| ## 649 | Willey, Mr. Edward |
| ## 650 | Stanley, Miss. Amy Zillah Elsie |
| ## 651 | Mitkoff, Mr. Mito |
| ## 652 | Doling, Miss. Elsie |
| ## 653 | Kalvik, Mr. Johannes Halvorsen |
| ## 654 | O'Leary, Miss. Hanora "Norah" |
| ## 655 | Hegarty, Miss. Hanora "Nora" |
| ## 656 | Hickman, Mr. Leonard Mark |
| ## 657 | Radeff, Mr. Alexander |
| ## 658 | Bourke, Mrs. John (Catherine) |
| ## 659 | Eitemiller, Mr. George Floyd |
| ## 660 | Newell, Mr. Arthur Webster |
| ## 661 | Frauenthal, Dr. Henry William |
| ## 662 | Badt, Mr. Mohamed |
| ## 663 | Colley, Mr. Edward Pomeroy |
| ## 664 | Coleff, Mr. Peju |
| ## 665 | Lindqvist, Mr. Eino William |
| ## 666 | Hickman, Mr. Lewis |
| ## 667 | Butler, Mr. Reginald Fenton |
| ## 668 | Rommetvedt, Mr. Knud Paust |
| ## 669 | Cook, Mr. Jacob |
| ## 670 | Taylor, Mrs. Elmer Zebley (Juliet Cummins Wright) |
| ## 671 | Brown, Mrs. Thomas William Solomon (Elizabeth Catherine Ford) |
| ## 672 | Davidson, Mr. Thornton |
| ## 673 | Mitchell, Mr. Henry Michael |
| ## 674 | Wilhelms, Mr. Charles |
| ## 675 | Watson, Mr. Ennis Hastings |
| ## 676 | Edvardsson, Mr. Gustaf Hjalmar |
| ## 677 | Sawyer, Mr. Frederick Charles |
| ## 678 | Turja, Miss. Anna Sofia |
| ## 679 | Goodwin, Mrs. Frederick (Augusta Tyler) |
| ## 680 | Cardeza, Mr. Thomas Drake Martinez |
| ## 681 | Peters, Miss. Katie |
| ## 682 | Hassab, Mr. Hammad |
| ## 683 | Olsvigen, Mr. Thor Anderson |
| ## 684 | Goodwin, Mr. Charles Edward |
| ## 685 | Brown, Mr. Thomas William Solomon |
| ## 686 | Laroche, Mr. Joseph Philippe Lemercier |
| ## 687 | Panula, Mr. Jaako Arnold |
| ## 688 | Dakic, Mr. Branko |
| ## 689 | Fischer, Mr. Eberhard Thelander |
| ## 690 | Madill, Miss. Georgette Alexandra |
| ## 691 | Dick, Mr. Albert Adrian |
| ## 692 | Karun, Miss. Manca |
| ## 693 | Lam, Mr. Ali |
| ## 694 | Saad, Mr. Khalil |
| ## 695 | Weir, Col. John |
| ## 696 | Chapman, Mr. Charles Henry |
| ## 697 | Kelly, Mr. James |
| ## 698 | Mullens, Miss. Katherine "Katie" |
| ## 699 | Thayer, Mr. John Borland |

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| ## 700 | Humblen, Mr. Adolf Mathias Nicolai Olsen |
| ## 701 | Astor, Mrs. John Jacob (Madeleine Talmadge Force) |
| ## 702 | Silverthorne, Mr. Spencer Victor |
| ## 703 | Barbara, Miss. Saiide |
| ## 704 | Gallagher, Mr. Martin |
| ## 705 | Hansen, Mr. Henrik Juul |
| ## 706 | Morley, Mr. Henry Samuel ("Mr Henry Marshall") |
| ## 707 | Kelly, Mrs. Florence "Fannie" |
| ## 708 | Calderhead, Mr. Edward Pennington |
| ## 709 | Cleaver, Miss. Alice |
| ## 710 | Moubarek, Master. Halim Gonios ("William George") |
| ## 711 | Mayne, Mlle. Berthe Antonine ("Mrs de Villiers") |
| ## 712 | Klaber, Mr. Herman |
| ## 713 | Taylor, Mr. Elmer Zebley |
| ## 714 | Larsson, Mr. August Viktor |
| ## 715 | Greenberg, Mr. Samuel |
| ## 716 | Soholt, Mr. Peter Andreas Lauritz Andersen |
| ## 717 | Endres, Miss. Caroline Louise |
| ## 718 | Troutt, Miss. Edwina Celia "Winnie" |
| ## 719 | McEvoy, Mr. Michael |
| ## 720 | Johnson, Mr. Malkolm Joackim |
| ## 721 | Harper, Miss. Annie Jessie "Nina" |
| ## 722 | Jensen, Mr. Svend Lauritz |
| ## 723 | Gillespie, Mr. William Henry |
| ## 724 | Hodges, Mr. Henry Price |
| ## 725 | Chambers, Mr. Norman Campbell |
| ## 726 | Oreskovic, Mr. Luka |
| ## 727 | Renouf, Mrs. Peter Henry (Lillian Jefferys) |
| ## 728 | Mannion, Miss. Margareth |
| ## 729 | Bryhl, Mr. Kurt Arnold Gottfrid |
| ## 730 | Ilmakangas, Miss. Pieta Sofia |
| ## 731 | Allen, Miss. Elisabeth Walton |
| ## 732 | Hassan, Mr. Houssein G N |
| ## 733 | Knight, Mr. Robert J |
| ## 734 | Berriman, Mr. William John |
| ## 735 | Troupiansky, Mr. Moses Aaron |
| ## 736 | Williams, Mr. Leslie |
| ## 737 | Ford, Mrs. Edward (Margaret Ann Watson) |
| ## 738 | Lesurer, Mr. Gustave J |
| ## 739 | Ivanoff, Mr. Kanio |
| ## 740 | Nankoff, Mr. Minko |
| ## 741 | Hawksford, Mr. Walter James |
| ## 742 | Cavendish, Mr. Tyrell William |
| ## 743 | Ryerson, Miss. Susan Parker "Suzette" |
| ## 744 | McNamee, Mr. Neal |
| ## 745 | Stranden, Mr. Juho |
| ## 746 | Crosby, Capt. Edward Gifford |
| ## 747 | Abbott, Mr. Rossmore Edward |
| ## 748 | Sinkkonen, Miss. Anna |
| ## 749 | Marvin, Mr. Daniel Warner |
| ## 750 | Connaghton, Mr. Michael |
| ## 751 | Wells, Miss. Joan |
| ## 752 | Moor, Master. Meier |
| ## 753 | Vande Velde, Mr. Johannes Joseph |

754 Jonkoff, Mr. Lallio
 ## 755 Herman, Mrs. Samuel (Jane Laver)
 ## 756 Hamalainen, Master. Viljo
 ## 757 Carlsson, Mr. August Sigfrid
 ## 758 Bailey, Mr. Percy Andrew
 ## 759 Theobald, Mr. Thomas Leonard
 ## 760 Rothes, the Countess. of (Lucy Noel Martha Dyer-Edwards)
 ## 761 Garfirth, Mr. John
 ## 762 Nirva, Mr. Iisakki Antino Aijo
 ## 763 Barah, Mr. Hanna Assi
 ## 764 Carter, Mrs. William Ernest (Lucile Polk)
 ## 765 Eklund, Mr. Hans Linus
 ## 766 Hogeboom, Mrs. John C (Anna Andrews)
 ## 767 Brewe, Dr. Arthur Jackson
 ## 768 Mangan, Miss. Mary
 ## 769 Moran, Mr. Daniel J
 ## 770 Gronnestad, Mr. Daniel Danielsen
 ## 771 Lievens, Mr. Rene Aime
 ## 772 Jensen, Mr. Niels Peder
 ## 773 Mack, Mrs. (Mary)
 ## 774 Elias, Mr. Dibo
 ## 775 Hocking, Mrs. Elizabeth (Eliza Needs)
 ## 776 Myhrman, Mr. Pehr Fabian Oliver Malkolm
 ## 777 Tobin, Mr. Roger
 ## 778 Emanuel, Miss. Virginia Ethel
 ## 779 Kilgannon, Mr. Thomas J
 ## 780 Robert, Mrs. Edward Scott (Elisabeth Walton McMillan)
 ## 781 Ayoub, Miss. Banoura
 ## 782 Dick, Mrs. Albert Adrian (Vera Gillespie)
 ## 783 Long, Mr. Milton Clyde
 ## 784 Johnston, Mr. Andrew G
 ## 785 Ali, Mr. William
 ## 786 Harmer, Mr. Abraham (David Lishin)
 ## 787 Sjoblom, Miss. Anna Sofia
 ## 788 Rice, Master. George Hugh
 ## 789 Dean, Master. Bertram Vere
 ## 790 Guggenheim, Mr. Benjamin
 ## 791 Keane, Mr. Andrew "Andy"
 ## 792 Gaskell, Mr. Alfred
 ## 793 Sage, Miss. Stella Anna
 ## 794 Hoyt, Mr. William Fisher
 ## 795 Dantcheff, Mr. Ristiu
 ## 796 Otter, Mr. Richard
 ## 797 Leader, Dr. Alice (Farnham)
 ## 798 Osman, Mrs. Mara
 ## 799 Ibrahim Shawah, Mr. Yousseff
 ## 800 Van Impe, Mrs. Jean Baptiste (Rosalie Paula Govaert)
 ## 801 Ponesell, Mr. Martin
 ## 802 Collyer, Mrs. Harvey (Charlotte Annie Tate)
 ## 803 Carter, Master. William Thornton II
 ## 804 Thomas, Master. Assad Alexander
 ## 805 Hedman, Mr. Oskar Arvid
 ## 806 Johansson, Mr. Karl Johan
 ## 807 Andrews, Mr. Thomas Jr

| | |
|--------|--|
| ## 808 | Pettersson, Miss. Ellen Natalia |
| ## 809 | Meyer, Mr. August |
| ## 810 | Chambers, Mrs. Norman Campbell (Bertha Griggs) |
| ## 811 | Alexander, Mr. William |
| ## 812 | Lester, Mr. James |
| ## 813 | Slemen, Mr. Richard James |
| ## 814 | Andersson, Miss. Ebba Iris Alfrida |
| ## 815 | Tomlin, Mr. Ernest Portage |
| ## 816 | Fry, Mr. Richard |
| ## 817 | Heininen, Miss. Wendla Maria |
| ## 818 | Mallet, Mr. Albert |
| ## 819 | Holm, Mr. John Fredrik Alexander |
| ## 820 | Skoog, Master. Karl Thorsten |
| ## 821 | Hays, Mrs. Charles Melville (Clara Jennings Gregg) |
| ## 822 | Lulic, Mr. Nikola |
| ## 823 | Reuchlin, Jonkheer. John George |
| ## 824 | Moor, Mrs. (Beila) |
| ## 825 | Panula, Master. Urho Abraham |
| ## 826 | Flynn, Mr. John |
| ## 827 | Lam, Mr. Len |
| ## 828 | Mallet, Master. Andre |
| ## 829 | McCormack, Mr. Thomas Joseph |
| ## 830 | Stone, Mrs. George Nelson (Martha Evelyn) |
| ## 831 | Yasbeck, Mrs. Antoni (Selini Alexander) |
| ## 832 | Richards, Master. George Sibley |
| ## 833 | Saad, Mr. Amin |
| ## 834 | Augustsson, Mr. Albert |
| ## 835 | Allum, Mr. Owen George |
| ## 836 | Compton, Miss. Sara Rebecca |
| ## 837 | Pasic, Mr. Jakob |
| ## 838 | Sirota, Mr. Maurice |
| ## 839 | Chip, Mr. Chang |
| ## 840 | Marechal, Mr. Pierre |
| ## 841 | Alhomaki, Mr. Ilmari Rudolf |
| ## 842 | Mudd, Mr. Thomas Charles |
| ## 843 | Serepeca, Miss. Augusta |
| ## 844 | Lemberopolous, Mr. Peter L |
| ## 845 | Culumovic, Mr. Jeso |
| ## 846 | Abbing, Mr. Anthony |
| ## 847 | Sage, Mr. Douglas Bullen |
| ## 848 | Markoff, Mr. Marin |
| ## 849 | Harper, Rev. John |
| ## 850 | Goldenberg, Mrs. Samuel L (Edwiga Grabowska) |
| ## 851 | Andersson, Master. Sigvard Harald Elias |
| ## 852 | Svensson, Mr. Johan |
| ## 853 | Boulos, Miss. Nourelain |
| ## 854 | Lines, Miss. Mary Conover |
| ## 855 | Carter, Mrs. Ernest Courtenay (Lilian Hughes) |
| ## 856 | Aks, Mrs. Sam (Leah Rosen) |
| ## 857 | Wick, Mrs. George Dennick (Mary Hitchcock) |
| ## 858 | Daly, Mr. Peter Denis |
| ## 859 | Baclini, Mrs. Solomon (Latifa Qurban) |
| ## 860 | Razi, Mr. Raihed |
| ## 861 | Hansen, Mr. Claus Peter |

| | |
|--------|---|
| ## 862 | Giles, Mr. Frederick Edward |
| ## 863 | Swift, Mrs. Frederick Joel (Margaret Welles Barron) |
| ## 864 | Sage, Miss. Dorothy Edith "Dolly" |
| ## 865 | Gill, Mr. John William |
| ## 866 | Bystrom, Mrs. (Karolina) |
| ## 867 | Duran y More, Miss. Asuncion |
| ## 868 | Roebbling, Mr. Washington Augustus II |
| ## 869 | van Melkebeke, Mr. Philemon |
| ## 870 | Johnson, Master. Harold Theodor |
| ## 871 | Balkic, Mr. Cerin |
| ## 872 | Beckwith, Mrs. Richard Leonard (Sallie Monypeny) |
| ## 873 | Carlsson, Mr. Frans Olof |
| ## 874 | Vander Cruyssen, Mr. Victor |
| ## 875 | Abelson, Mrs. Samuel (Hannah Witosky) |
| ## 876 | Najib, Miss. Adele Kiamie "Jane" |
| ## 877 | Gustafsson, Mr. Alfred Ossian |
| ## 878 | Petroff, Mr. Nedelio |
| ## 879 | Laleff, Mr. Kristo |
| ## 880 | Potter, Mrs. Thomas Jr (Lily Alexenia Wilson) |
| ## 881 | Shelley, Mrs. William (Imanita Parrish Hall) |
| ## 882 | Markun, Mr. Johann |
| ## 883 | Dahlberg, Miss. Gerda Ulrika |
| ## 884 | Banfield, Mr. Frederick James |
| ## 885 | Sutehall, Mr. Henry Jr |
| ## 886 | Rice, Mrs. William (Margaret Norton) |
| ## 887 | Montvila, Rev. Juozas |
| ## 888 | Graham, Miss. Margaret Edith |
| ## 889 | Johnston, Miss. Catherine Helen "Carrie" |
| ## 890 | Behr, Mr. Karl Howell |
| ## 891 | Dooley, Mr. Patrick |
| ## | sex age sib_sp parch ticket fare cabin |
| ## 1 | male 22.00 1 0 A/5 21171 7.2500 <NA> |
| ## 2 | female 38.00 1 0 PC 17599 71.2833 C85 |
| ## 3 | female 26.00 0 0 STON/O2. 3101282 7.9250 <NA> |
| ## 4 | female 35.00 1 0 113803 53.1000 C123 |
| ## 5 | male 35.00 0 0 373450 8.0500 <NA> |
| ## 6 | male NA 0 0 330877 8.4583 <NA> |
| ## 7 | male 54.00 0 0 17463 51.8625 E46 |
| ## 8 | male 2.00 3 1 349909 21.0750 <NA> |
| ## 9 | female 27.00 0 2 347742 11.1333 <NA> |
| ## 10 | female 14.00 1 0 237736 30.0708 <NA> |
| ## 11 | female 4.00 1 1 PP 9549 16.7000 G6 |
| ## 12 | female 58.00 0 0 113783 26.5500 C103 |
| ## 13 | male 20.00 0 0 A/5. 2151 8.0500 <NA> |
| ## 14 | male 39.00 1 5 347082 31.2750 <NA> |
| ## 15 | female 14.00 0 0 350406 7.8542 <NA> |
| ## 16 | female 55.00 0 0 248706 16.0000 <NA> |
| ## 17 | male 2.00 4 1 382652 29.1250 <NA> |
| ## 18 | male NA 0 0 244373 13.0000 <NA> |
| ## 19 | female 31.00 1 0 345763 18.0000 <NA> |
| ## 20 | female NA 0 0 2649 7.2250 <NA> |
| ## 21 | male 35.00 0 0 239865 26.0000 <NA> |
| ## 22 | male 34.00 0 0 248698 13.0000 D56 |
| ## 23 | female 15.00 0 0 330923 8.0292 <NA> |

| | | | | | | | |
|-------|--------|-------|---|---|-----------------|----------|-------------|
| ## 24 | male | 28.00 | 0 | 0 | 113788 | 35.5000 | A6 |
| ## 25 | female | 8.00 | 3 | 1 | 349909 | 21.0750 | <NA> |
| ## 26 | female | 38.00 | 1 | 5 | 347077 | 31.3875 | <NA> |
| ## 27 | male | NA | 0 | 0 | 2631 | 7.2250 | <NA> |
| ## 28 | male | 19.00 | 3 | 2 | 19950 | 263.0000 | C23 C25 C27 |
| ## 29 | female | NA | 0 | 0 | 330959 | 7.8792 | <NA> |
| ## 30 | male | NA | 0 | 0 | 349216 | 7.8958 | <NA> |
| ## 31 | male | 40.00 | 0 | 0 | PC 17601 | 27.7208 | <NA> |
| ## 32 | female | NA | 1 | 0 | PC 17569 | 146.5208 | B78 |
| ## 33 | female | NA | 0 | 0 | 335677 | 7.7500 | <NA> |
| ## 34 | male | 66.00 | 0 | 0 | C.A. 24579 | 10.5000 | <NA> |
| ## 35 | male | 28.00 | 1 | 0 | PC 17604 | 82.1708 | <NA> |
| ## 36 | male | 42.00 | 1 | 0 | 113789 | 52.0000 | <NA> |
| ## 37 | male | NA | 0 | 0 | 2677 | 7.2292 | <NA> |
| ## 38 | male | 21.00 | 0 | 0 | A./5. 2152 | 8.0500 | <NA> |
| ## 39 | female | 18.00 | 2 | 0 | 345764 | 18.0000 | <NA> |
| ## 40 | female | 14.00 | 1 | 0 | 2651 | 11.2417 | <NA> |
| ## 41 | female | 40.00 | 1 | 0 | 7546 | 9.4750 | <NA> |
| ## 42 | female | 27.00 | 1 | 0 | 11668 | 21.0000 | <NA> |
| ## 43 | male | NA | 0 | 0 | 349253 | 7.8958 | <NA> |
| ## 44 | female | 3.00 | 1 | 2 | SC/Paris 2123 | 41.5792 | <NA> |
| ## 45 | female | 19.00 | 0 | 0 | 330958 | 7.8792 | <NA> |
| ## 46 | male | NA | 0 | 0 | S.C./A.4. 23567 | 8.0500 | <NA> |
| ## 47 | male | NA | 1 | 0 | 370371 | 15.5000 | <NA> |
| ## 48 | female | NA | 0 | 0 | 14311 | 7.7500 | <NA> |
| ## 49 | male | NA | 2 | 0 | 2662 | 21.6792 | <NA> |
| ## 50 | female | 18.00 | 1 | 0 | 349237 | 17.8000 | <NA> |
| ## 51 | male | 7.00 | 4 | 1 | 3101295 | 39.6875 | <NA> |
| ## 52 | male | 21.00 | 0 | 0 | A/4. 39886 | 7.8000 | <NA> |
| ## 53 | female | 49.00 | 1 | 0 | PC 17572 | 76.7292 | D33 |
| ## 54 | female | 29.00 | 1 | 0 | 2926 | 26.0000 | <NA> |
| ## 55 | male | 65.00 | 0 | 1 | 113509 | 61.9792 | B30 |
| ## 56 | male | NA | 0 | 0 | 19947 | 35.5000 | C52 |
| ## 57 | female | 21.00 | 0 | 0 | C.A. 31026 | 10.5000 | <NA> |
| ## 58 | male | 28.50 | 0 | 0 | 2697 | 7.2292 | <NA> |
| ## 59 | female | 5.00 | 1 | 2 | C.A. 34651 | 27.7500 | <NA> |
| ## 60 | male | 11.00 | 5 | 2 | CA 2144 | 46.9000 | <NA> |
| ## 61 | male | 22.00 | 0 | 0 | 2669 | 7.2292 | <NA> |
| ## 62 | female | 38.00 | 0 | 0 | 113572 | 80.0000 | B28 |
| ## 63 | male | 45.00 | 1 | 0 | 36973 | 83.4750 | C83 |
| ## 64 | male | 4.00 | 3 | 2 | 347088 | 27.9000 | <NA> |
| ## 65 | male | NA | 0 | 0 | PC 17605 | 27.7208 | <NA> |
| ## 66 | male | NA | 1 | 1 | 2661 | 15.2458 | <NA> |
| ## 67 | female | 29.00 | 0 | 0 | C.A. 29395 | 10.5000 | F33 |
| ## 68 | male | 19.00 | 0 | 0 | S.P. 3464 | 8.1583 | <NA> |
| ## 69 | female | 17.00 | 4 | 2 | 3101281 | 7.9250 | <NA> |
| ## 70 | male | 26.00 | 2 | 0 | 315151 | 8.6625 | <NA> |
| ## 71 | male | 32.00 | 0 | 0 | C.A. 33111 | 10.5000 | <NA> |
| ## 72 | female | 16.00 | 5 | 2 | CA 2144 | 46.9000 | <NA> |
| ## 73 | male | 21.00 | 0 | 0 | S.O.C. 14879 | 73.5000 | <NA> |
| ## 74 | male | 26.00 | 1 | 0 | 2680 | 14.4542 | <NA> |
| ## 75 | male | 32.00 | 0 | 0 | 1601 | 56.4958 | <NA> |
| ## 76 | male | 25.00 | 0 | 0 | 348123 | 7.6500 | F G73 |
| ## 77 | male | NA | 0 | 0 | 349208 | 7.8958 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|-------------------|----------|-------------|
| ## 78 | male | NA | 0 | 0 | 374746 | 8.0500 | <NA> |
| ## 79 | male | 0.83 | 0 | 2 | 248738 | 29.0000 | <NA> |
| ## 80 | female | 30.00 | 0 | 0 | 364516 | 12.4750 | <NA> |
| ## 81 | male | 22.00 | 0 | 0 | 345767 | 9.0000 | <NA> |
| ## 82 | male | 29.00 | 0 | 0 | 345779 | 9.5000 | <NA> |
| ## 83 | female | NA | 0 | 0 | 330932 | 7.7875 | <NA> |
| ## 84 | male | 28.00 | 0 | 0 | 113059 | 47.1000 | <NA> |
| ## 85 | female | 17.00 | 0 | 0 | SO/C 14885 | 10.5000 | <NA> |
| ## 86 | female | 33.00 | 3 | 0 | 3101278 | 15.8500 | <NA> |
| ## 87 | male | 16.00 | 1 | 3 | W./C. 6608 | 34.3750 | <NA> |
| ## 88 | male | NA | 0 | 0 | SOTON/OQ 392086 | 8.0500 | <NA> |
| ## 89 | female | 23.00 | 3 | 2 | 19950 | 263.0000 | C23 C25 C27 |
| ## 90 | male | 24.00 | 0 | 0 | 343275 | 8.0500 | <NA> |
| ## 91 | male | 29.00 | 0 | 0 | 343276 | 8.0500 | <NA> |
| ## 92 | male | 20.00 | 0 | 0 | 347466 | 7.8542 | <NA> |
| ## 93 | male | 46.00 | 1 | 0 | W.E.P. 5734 | 61.1750 | E31 |
| ## 94 | male | 26.00 | 1 | 2 | C.A. 2315 | 20.5750 | <NA> |
| ## 95 | male | 59.00 | 0 | 0 | 364500 | 7.2500 | <NA> |
| ## 96 | male | NA | 0 | 0 | 374910 | 8.0500 | <NA> |
| ## 97 | male | 71.00 | 0 | 0 | PC 17754 | 34.6542 | A5 |
| ## 98 | male | 23.00 | 0 | 1 | PC 17759 | 63.3583 | D10 D12 |
| ## 99 | female | 34.00 | 0 | 1 | 231919 | 23.0000 | <NA> |
| ## 100 | male | 34.00 | 1 | 0 | 244367 | 26.0000 | <NA> |
| ## 101 | female | 28.00 | 0 | 0 | 349245 | 7.8958 | <NA> |
| ## 102 | male | NA | 0 | 0 | 349215 | 7.8958 | <NA> |
| ## 103 | male | 21.00 | 0 | 1 | 35281 | 77.2875 | D26 |
| ## 104 | male | 33.00 | 0 | 0 | 7540 | 8.6542 | <NA> |
| ## 105 | male | 37.00 | 2 | 0 | 3101276 | 7.9250 | <NA> |
| ## 106 | male | 28.00 | 0 | 0 | 349207 | 7.8958 | <NA> |
| ## 107 | female | 21.00 | 0 | 0 | 343120 | 7.6500 | <NA> |
| ## 108 | male | NA | 0 | 0 | 312991 | 7.7750 | <NA> |
| ## 109 | male | 38.00 | 0 | 0 | 349249 | 7.8958 | <NA> |
| ## 110 | female | NA | 1 | 0 | 371110 | 24.1500 | <NA> |
| ## 111 | male | 47.00 | 0 | 0 | 110465 | 52.0000 | C110 |
| ## 112 | female | 14.50 | 1 | 0 | 2665 | 14.4542 | <NA> |
| ## 113 | male | 22.00 | 0 | 0 | 324669 | 8.0500 | <NA> |
| ## 114 | female | 20.00 | 1 | 0 | 4136 | 9.8250 | <NA> |
| ## 115 | female | 17.00 | 0 | 0 | 2627 | 14.4583 | <NA> |
| ## 116 | male | 21.00 | 0 | 0 | STON/O 2. 3101294 | 7.9250 | <NA> |
| ## 117 | male | 70.50 | 0 | 0 | 370369 | 7.7500 | <NA> |
| ## 118 | male | 29.00 | 1 | 0 | 11668 | 21.0000 | <NA> |
| ## 119 | male | 24.00 | 0 | 1 | PC 17558 | 247.5208 | B58 B60 |
| ## 120 | female | 2.00 | 4 | 2 | 347082 | 31.2750 | <NA> |
| ## 121 | male | 21.00 | 2 | 0 | S.O.C. 14879 | 73.5000 | <NA> |
| ## 122 | male | NA | 0 | 0 | A4. 54510 | 8.0500 | <NA> |
| ## 123 | male | 32.50 | 1 | 0 | 237736 | 30.0708 | <NA> |
| ## 124 | female | 32.50 | 0 | 0 | 27267 | 13.0000 | E101 |
| ## 125 | male | 54.00 | 0 | 1 | 35281 | 77.2875 | D26 |
| ## 126 | male | 12.00 | 1 | 0 | 2651 | 11.2417 | <NA> |
| ## 127 | male | NA | 0 | 0 | 370372 | 7.7500 | <NA> |
| ## 128 | male | 24.00 | 0 | 0 | C 17369 | 7.1417 | <NA> |
| ## 129 | female | NA | 1 | 1 | 2668 | 22.3583 | F E69 |
| ## 130 | male | 45.00 | 0 | 0 | 347061 | 6.9750 | <NA> |
| ## 131 | male | 33.00 | 0 | 0 | 349241 | 7.8958 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|--------------------|---------|------|
| ## 132 | male | 20.00 | 0 | 0 | SOTON/O.Q. 3101307 | 7.0500 | <NA> |
| ## 133 | female | 47.00 | 1 | 0 | A/5. 3337 | 14.5000 | <NA> |
| ## 134 | female | 29.00 | 1 | 0 | 228414 | 26.0000 | <NA> |
| ## 135 | male | 25.00 | 0 | 0 | C.A. 29178 | 13.0000 | <NA> |
| ## 136 | male | 23.00 | 0 | 0 | SC/PARIS 2133 | 15.0458 | <NA> |
| ## 137 | female | 19.00 | 0 | 2 | 11752 | 26.2833 | D47 |
| ## 138 | male | 37.00 | 1 | 0 | 113803 | 53.1000 | C123 |
| ## 139 | male | 16.00 | 0 | 0 | 7534 | 9.2167 | <NA> |
| ## 140 | male | 24.00 | 0 | 0 | PC 17593 | 79.2000 | B86 |
| ## 141 | female | NA | 0 | 2 | 2678 | 15.2458 | <NA> |
| ## 142 | female | 22.00 | 0 | 0 | 347081 | 7.7500 | <NA> |
| ## 143 | female | 24.00 | 1 | 0 | STON/O2. 3101279 | 15.8500 | <NA> |
| ## 144 | male | 19.00 | 0 | 0 | 365222 | 6.7500 | <NA> |
| ## 145 | male | 18.00 | 0 | 0 | 231945 | 11.5000 | <NA> |
| ## 146 | male | 19.00 | 1 | 1 | C.A. 33112 | 36.7500 | <NA> |
| ## 147 | male | 27.00 | 0 | 0 | 350043 | 7.7958 | <NA> |
| ## 148 | female | 9.00 | 2 | 2 | W./C. 6608 | 34.3750 | <NA> |
| ## 149 | male | 36.50 | 0 | 2 | 230080 | 26.0000 | F2 |
| ## 150 | male | 42.00 | 0 | 0 | 244310 | 13.0000 | <NA> |
| ## 151 | male | 51.00 | 0 | 0 | S.O.P. 1166 | 12.5250 | <NA> |
| ## 152 | female | 22.00 | 1 | 0 | 113776 | 66.6000 | C2 |
| ## 153 | male | 55.50 | 0 | 0 | A.5. 11206 | 8.0500 | <NA> |
| ## 154 | male | 40.50 | 0 | 2 | A/5. 851 | 14.5000 | <NA> |
| ## 155 | male | NA | 0 | 0 | Fa 265302 | 7.3125 | <NA> |
| ## 156 | male | 51.00 | 0 | 1 | PC 17597 | 61.3792 | <NA> |
| ## 157 | female | 16.00 | 0 | 0 | 35851 | 7.7333 | <NA> |
| ## 158 | male | 30.00 | 0 | 0 | SOTON/OQ 392090 | 8.0500 | <NA> |
| ## 159 | male | NA | 0 | 0 | 315037 | 8.6625 | <NA> |
| ## 160 | male | NA | 8 | 2 | CA. 2343 | 69.5500 | <NA> |
| ## 161 | male | 44.00 | 0 | 1 | 371362 | 16.1000 | <NA> |
| ## 162 | female | 40.00 | 0 | 0 | C.A. 33595 | 15.7500 | <NA> |
| ## 163 | male | 26.00 | 0 | 0 | 347068 | 7.7750 | <NA> |
| ## 164 | male | 17.00 | 0 | 0 | 315093 | 8.6625 | <NA> |
| ## 165 | male | 1.00 | 4 | 1 | 3101295 | 39.6875 | <NA> |
| ## 166 | male | 9.00 | 0 | 2 | 363291 | 20.5250 | <NA> |
| ## 167 | female | NA | 0 | 1 | 113505 | 55.0000 | E33 |
| ## 168 | female | 45.00 | 1 | 4 | 347088 | 27.9000 | <NA> |
| ## 169 | male | NA | 0 | 0 | PC 17318 | 25.9250 | <NA> |
| ## 170 | male | 28.00 | 0 | 0 | 1601 | 56.4958 | <NA> |
| ## 171 | male | 61.00 | 0 | 0 | 111240 | 33.5000 | B19 |
| ## 172 | male | 4.00 | 4 | 1 | 382652 | 29.1250 | <NA> |
| ## 173 | female | 1.00 | 1 | 1 | 347742 | 11.1333 | <NA> |
| ## 174 | male | 21.00 | 0 | 0 | STON/O 2. 3101280 | 7.9250 | <NA> |
| ## 175 | male | 56.00 | 0 | 0 | 17764 | 30.6958 | A7 |
| ## 176 | male | 18.00 | 1 | 1 | 350404 | 7.8542 | <NA> |
| ## 177 | male | NA | 3 | 1 | 4133 | 25.4667 | <NA> |
| ## 178 | female | 50.00 | 0 | 0 | PC 17595 | 28.7125 | C49 |
| ## 179 | male | 30.00 | 0 | 0 | 250653 | 13.0000 | <NA> |
| ## 180 | male | 36.00 | 0 | 0 | LINE | 0.0000 | <NA> |
| ## 181 | female | NA | 8 | 2 | CA. 2343 | 69.5500 | <NA> |
| ## 182 | male | NA | 0 | 0 | SC/PARIS 2131 | 15.0500 | <NA> |
| ## 183 | male | 9.00 | 4 | 2 | 347077 | 31.3875 | <NA> |
| ## 184 | male | 1.00 | 2 | 1 | 230136 | 39.0000 | F4 |
| ## 185 | female | 4.00 | 0 | 2 | 315153 | 22.0250 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|--------------------|----------|------|
| ## 186 | male | NA | 0 | 0 | 113767 | 50.0000 | A32 |
| ## 187 | female | NA | 1 | 0 | 370365 | 15.5000 | <NA> |
| ## 188 | male | 45.00 | 0 | 0 | 111428 | 26.5500 | <NA> |
| ## 189 | male | 40.00 | 1 | 1 | 364849 | 15.5000 | <NA> |
| ## 190 | male | 36.00 | 0 | 0 | 349247 | 7.8958 | <NA> |
| ## 191 | female | 32.00 | 0 | 0 | 234604 | 13.0000 | <NA> |
| ## 192 | male | 19.00 | 0 | 0 | 28424 | 13.0000 | <NA> |
| ## 193 | female | 19.00 | 1 | 0 | 350046 | 7.8542 | <NA> |
| ## 194 | male | 3.00 | 1 | 1 | 230080 | 26.0000 | F2 |
| ## 195 | female | 44.00 | 0 | 0 | PC 17610 | 27.7208 | B4 |
| ## 196 | female | 58.00 | 0 | 0 | PC 17569 | 146.5208 | B80 |
| ## 197 | male | NA | 0 | 0 | 368703 | 7.7500 | <NA> |
| ## 198 | male | 42.00 | 0 | 1 | 4579 | 8.4042 | <NA> |
| ## 199 | female | NA | 0 | 0 | 370370 | 7.7500 | <NA> |
| ## 200 | female | 24.00 | 0 | 0 | 248747 | 13.0000 | <NA> |
| ## 201 | male | 28.00 | 0 | 0 | 345770 | 9.5000 | <NA> |
| ## 202 | male | NA | 8 | 2 | CA. 2343 | 69.5500 | <NA> |
| ## 203 | male | 34.00 | 0 | 0 | 3101264 | 6.4958 | <NA> |
| ## 204 | male | 45.50 | 0 | 0 | 2628 | 7.2250 | <NA> |
| ## 205 | male | 18.00 | 0 | 0 | A/5 3540 | 8.0500 | <NA> |
| ## 206 | female | 2.00 | 0 | 1 | 347054 | 10.4625 | G6 |
| ## 207 | male | 32.00 | 1 | 0 | 3101278 | 15.8500 | <NA> |
| ## 208 | male | 26.00 | 0 | 0 | 2699 | 18.7875 | <NA> |
| ## 209 | female | 16.00 | 0 | 0 | 367231 | 7.7500 | <NA> |
| ## 210 | male | 40.00 | 0 | 0 | 112277 | 31.0000 | A31 |
| ## 211 | male | 24.00 | 0 | 0 | SOTON/O.Q. 3101311 | 7.0500 | <NA> |
| ## 212 | female | 35.00 | 0 | 0 | F.C.C. 13528 | 21.0000 | <NA> |
| ## 213 | male | 22.00 | 0 | 0 | A/5 21174 | 7.2500 | <NA> |
| ## 214 | male | 30.00 | 0 | 0 | 250646 | 13.0000 | <NA> |
| ## 215 | male | NA | 1 | 0 | 367229 | 7.7500 | <NA> |
| ## 216 | female | 31.00 | 1 | 0 | 35273 | 113.2750 | D36 |
| ## 217 | female | 27.00 | 0 | 0 | STON/O2. 3101283 | 7.9250 | <NA> |
| ## 218 | male | 42.00 | 1 | 0 | 243847 | 27.0000 | <NA> |
| ## 219 | female | 32.00 | 0 | 0 | 11813 | 76.2917 | D15 |
| ## 220 | male | 30.00 | 0 | 0 | W/C 14208 | 10.5000 | <NA> |
| ## 221 | male | 16.00 | 0 | 0 | SOTON/OQ 392089 | 8.0500 | <NA> |
| ## 222 | male | 27.00 | 0 | 0 | 220367 | 13.0000 | <NA> |
| ## 223 | male | 51.00 | 0 | 0 | 21440 | 8.0500 | <NA> |
| ## 224 | male | NA | 0 | 0 | 349234 | 7.8958 | <NA> |
| ## 225 | male | 38.00 | 1 | 0 | 19943 | 90.0000 | C93 |
| ## 226 | male | 22.00 | 0 | 0 | PP 4348 | 9.3500 | <NA> |
| ## 227 | male | 19.00 | 0 | 0 | SW/PP 751 | 10.5000 | <NA> |
| ## 228 | male | 20.50 | 0 | 0 | A/5 21173 | 7.2500 | <NA> |
| ## 229 | male | 18.00 | 0 | 0 | 236171 | 13.0000 | <NA> |
| ## 230 | female | NA | 3 | 1 | 4133 | 25.4667 | <NA> |
| ## 231 | female | 35.00 | 1 | 0 | 36973 | 83.4750 | C83 |
| ## 232 | male | 29.00 | 0 | 0 | 347067 | 7.7750 | <NA> |
| ## 233 | male | 59.00 | 0 | 0 | 237442 | 13.5000 | <NA> |
| ## 234 | female | 5.00 | 4 | 2 | 347077 | 31.3875 | <NA> |
| ## 235 | male | 24.00 | 0 | 0 | C.A. 29566 | 10.5000 | <NA> |
| ## 236 | female | NA | 0 | 0 | W./C. 6609 | 7.5500 | <NA> |
| ## 237 | male | 44.00 | 1 | 0 | 26707 | 26.0000 | <NA> |
| ## 238 | female | 8.00 | 0 | 2 | C.A. 31921 | 26.2500 | <NA> |
| ## 239 | male | 19.00 | 0 | 0 | 28665 | 10.5000 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|-------------------|----------|------|
| ## 240 | male | 33.00 | 0 | 0 | SC0/W 1585 | 12.2750 | <NA> |
| ## 241 | female | NA | 1 | 0 | 2665 | 14.4542 | <NA> |
| ## 242 | female | NA | 1 | 0 | 367230 | 15.5000 | <NA> |
| ## 243 | male | 29.00 | 0 | 0 | W./C. 14263 | 10.5000 | <NA> |
| ## 244 | male | 22.00 | 0 | 0 | STON/O 2. 3101275 | 7.1250 | <NA> |
| ## 245 | male | 30.00 | 0 | 0 | 2694 | 7.2250 | <NA> |
| ## 246 | male | 44.00 | 2 | 0 | 19928 | 90.0000 | C78 |
| ## 247 | female | 25.00 | 0 | 0 | 347071 | 7.7750 | <NA> |
| ## 248 | female | 24.00 | 0 | 2 | 250649 | 14.5000 | <NA> |
| ## 249 | male | 37.00 | 1 | 1 | 11751 | 52.5542 | D35 |
| ## 250 | male | 54.00 | 1 | 0 | 244252 | 26.0000 | <NA> |
| ## 251 | male | NA | 0 | 0 | 362316 | 7.2500 | <NA> |
| ## 252 | female | 29.00 | 1 | 1 | 347054 | 10.4625 | G6 |
| ## 253 | male | 62.00 | 0 | 0 | 113514 | 26.5500 | C87 |
| ## 254 | male | 30.00 | 1 | 0 | A/5. 3336 | 16.1000 | <NA> |
| ## 255 | female | 41.00 | 0 | 2 | 370129 | 20.2125 | <NA> |
| ## 256 | female | 29.00 | 0 | 2 | 2650 | 15.2458 | <NA> |
| ## 257 | female | NA | 0 | 0 | PC 17585 | 79.2000 | <NA> |
| ## 258 | female | 30.00 | 0 | 0 | 110152 | 86.5000 | B77 |
| ## 259 | female | 35.00 | 0 | 0 | PC 17755 | 512.3292 | <NA> |
| ## 260 | female | 50.00 | 0 | 1 | 230433 | 26.0000 | <NA> |
| ## 261 | male | NA | 0 | 0 | 384461 | 7.7500 | <NA> |
| ## 262 | male | 3.00 | 4 | 2 | 347077 | 31.3875 | <NA> |
| ## 263 | male | 52.00 | 1 | 1 | 110413 | 79.6500 | E67 |
| ## 264 | male | 40.00 | 0 | 0 | 112059 | 0.0000 | B94 |
| ## 265 | female | NA | 0 | 0 | 382649 | 7.7500 | <NA> |
| ## 266 | male | 36.00 | 0 | 0 | C.A. 17248 | 10.5000 | <NA> |
| ## 267 | male | 16.00 | 4 | 1 | 3101295 | 39.6875 | <NA> |
| ## 268 | male | 25.00 | 1 | 0 | 347083 | 7.7750 | <NA> |
| ## 269 | female | 58.00 | 0 | 1 | PC 17582 | 153.4625 | C125 |
| ## 270 | female | 35.00 | 0 | 0 | PC 17760 | 135.6333 | C99 |
| ## 271 | male | NA | 0 | 0 | 113798 | 31.0000 | <NA> |
| ## 272 | male | 25.00 | 0 | 0 | LINE | 0.0000 | <NA> |
| ## 273 | female | 41.00 | 0 | 1 | 250644 | 19.5000 | <NA> |
| ## 274 | male | 37.00 | 0 | 1 | PC 17596 | 29.7000 | C118 |
| ## 275 | female | NA | 0 | 0 | 370375 | 7.7500 | <NA> |
| ## 276 | female | 63.00 | 1 | 0 | 13502 | 77.9583 | D7 |
| ## 277 | female | 45.00 | 0 | 0 | 347073 | 7.7500 | <NA> |
| ## 278 | male | NA | 0 | 0 | 239853 | 0.0000 | <NA> |
| ## 279 | male | 7.00 | 4 | 1 | 382652 | 29.1250 | <NA> |
| ## 280 | female | 35.00 | 1 | 1 | C.A. 2673 | 20.2500 | <NA> |
| ## 281 | male | 65.00 | 0 | 0 | 336439 | 7.7500 | <NA> |
| ## 282 | male | 28.00 | 0 | 0 | 347464 | 7.8542 | <NA> |
| ## 283 | male | 16.00 | 0 | 0 | 345778 | 9.5000 | <NA> |
| ## 284 | male | 19.00 | 0 | 0 | A/5. 10482 | 8.0500 | <NA> |
| ## 285 | male | NA | 0 | 0 | 113056 | 26.0000 | A19 |
| ## 286 | male | 33.00 | 0 | 0 | 349239 | 8.6625 | <NA> |
| ## 287 | male | 30.00 | 0 | 0 | 345774 | 9.5000 | <NA> |
| ## 288 | male | 22.00 | 0 | 0 | 349206 | 7.8958 | <NA> |
| ## 289 | male | 42.00 | 0 | 0 | 237798 | 13.0000 | <NA> |
| ## 290 | female | 22.00 | 0 | 0 | 370373 | 7.7500 | <NA> |
| ## 291 | female | 26.00 | 0 | 0 | 19877 | 78.8500 | <NA> |
| ## 292 | female | 19.00 | 1 | 0 | 11967 | 91.0792 | B49 |
| ## 293 | male | 36.00 | 0 | 0 | SC/Paris 2163 | 12.8750 | D |

| | | | | | |
|---------------------|---|---|--------------|----------|-----------------|
| ## 294 female 24.00 | 0 | 0 | 349236 | 8.8500 | <NA> |
| ## 295 male 24.00 | 0 | 0 | 349233 | 7.8958 | <NA> |
| ## 296 male NA | 0 | 0 | PC 17612 | 27.7208 | <NA> |
| ## 297 male 23.50 | 0 | 0 | 2693 | 7.2292 | <NA> |
| ## 298 female 2.00 | 1 | 2 | 113781 | 151.5500 | C22 C26 |
| ## 299 male NA | 0 | 0 | 19988 | 30.5000 | C106 |
| ## 300 female 50.00 | 0 | 1 | PC 17558 | 247.5208 | B58 B60 |
| ## 301 female NA | 0 | 0 | 9234 | 7.7500 | <NA> |
| ## 302 male NA | 2 | 0 | 367226 | 23.2500 | <NA> |
| ## 303 male 19.00 | 0 | 0 | LINE | 0.0000 | <NA> |
| ## 304 female NA | 0 | 0 | 226593 | 12.3500 | E101 |
| ## 305 male NA | 0 | 0 | A/5 2466 | 8.0500 | <NA> |
| ## 306 male 0.92 | 1 | 2 | 113781 | 151.5500 | C22 C26 |
| ## 307 female NA | 0 | 0 | 17421 | 110.8833 | <NA> |
| ## 308 female 17.00 | 1 | 0 | PC 17758 | 108.9000 | C65 |
| ## 309 male 30.00 | 1 | 0 | P/PP 3381 | 24.0000 | <NA> |
| ## 310 female 30.00 | 0 | 0 | PC 17485 | 56.9292 | E36 |
| ## 311 female 24.00 | 0 | 0 | 11767 | 83.1583 | C54 |
| ## 312 female 18.00 | 2 | 2 | PC 17608 | 262.3750 | B57 B59 B63 B66 |
| ## 313 female 26.00 | 1 | 1 | 250651 | 26.0000 | <NA> |
| ## 314 male 28.00 | 0 | 0 | 349243 | 7.8958 | <NA> |
| ## 315 male 43.00 | 1 | 1 | F.C.C. 13529 | 26.2500 | <NA> |
| ## 316 female 26.00 | 0 | 0 | 347470 | 7.8542 | <NA> |
| ## 317 female 24.00 | 1 | 0 | 244367 | 26.0000 | <NA> |
| ## 318 male 54.00 | 0 | 0 | 29011 | 14.0000 | <NA> |
| ## 319 female 31.00 | 0 | 2 | 36928 | 164.8667 | C7 |
| ## 320 female 40.00 | 1 | 1 | 16966 | 134.5000 | E34 |
| ## 321 male 22.00 | 0 | 0 | A/5 21172 | 7.2500 | <NA> |
| ## 322 male 27.00 | 0 | 0 | 349219 | 7.8958 | <NA> |
| ## 323 female 30.00 | 0 | 0 | 234818 | 12.3500 | <NA> |
| ## 324 female 22.00 | 1 | 1 | 248738 | 29.0000 | <NA> |
| ## 325 male NA | 8 | 2 | CA. 2343 | 69.5500 | <NA> |
| ## 326 female 36.00 | 0 | 0 | PC 17760 | 135.6333 | C32 |
| ## 327 male 61.00 | 0 | 0 | 345364 | 6.2375 | <NA> |
| ## 328 female 36.00 | 0 | 0 | 28551 | 13.0000 | D |
| ## 329 female 31.00 | 1 | 1 | 363291 | 20.5250 | <NA> |
| ## 330 female 16.00 | 0 | 1 | 111361 | 57.9792 | B18 |
| ## 331 female NA | 2 | 0 | 367226 | 23.2500 | <NA> |
| ## 332 male 45.50 | 0 | 0 | 113043 | 28.5000 | C124 |
| ## 333 male 38.00 | 0 | 1 | PC 17582 | 153.4625 | C91 |
| ## 334 male 16.00 | 2 | 0 | 345764 | 18.0000 | <NA> |
| ## 335 female NA | 1 | 0 | PC 17611 | 133.6500 | <NA> |
| ## 336 male NA | 0 | 0 | 349225 | 7.8958 | <NA> |
| ## 337 male 29.00 | 1 | 0 | 113776 | 66.6000 | C2 |
| ## 338 female 41.00 | 0 | 0 | 16966 | 134.5000 | E40 |
| ## 339 male 45.00 | 0 | 0 | 7598 | 8.0500 | <NA> |
| ## 340 male 45.00 | 0 | 0 | 113784 | 35.5000 | T |
| ## 341 male 2.00 | 1 | 1 | 230080 | 26.0000 | F2 |
| ## 342 female 24.00 | 3 | 2 | 19950 | 263.0000 | C23 C25 C27 |
| ## 343 male 28.00 | 0 | 0 | 248740 | 13.0000 | <NA> |
| ## 344 male 25.00 | 0 | 0 | 244361 | 13.0000 | <NA> |
| ## 345 male 36.00 | 0 | 0 | 229236 | 13.0000 | <NA> |
| ## 346 female 24.00 | 0 | 0 | 248733 | 13.0000 | F33 |
| ## 347 female 40.00 | 0 | 0 | 31418 | 13.0000 | <NA> |

| | | | | | | | | |
|--------|--------|-------|---|---|------------|---------|----------|---------|
| ## 348 | female | NA | 1 | 0 | | 386525 | 16.1000 | <NA> |
| ## 349 | male | 3.00 | 1 | 1 | C.A. | 37671 | 15.9000 | <NA> |
| ## 350 | male | 42.00 | 0 | 0 | | 315088 | 8.6625 | <NA> |
| ## 351 | male | 23.00 | 0 | 0 | | 7267 | 9.2250 | <NA> |
| ## 352 | male | NA | 0 | 0 | | 113510 | 35.0000 | C128 |
| ## 353 | male | 15.00 | 1 | 1 | | 2695 | 7.2292 | <NA> |
| ## 354 | male | 25.00 | 1 | 0 | | 349237 | 17.8000 | <NA> |
| ## 355 | male | NA | 0 | 0 | | 2647 | 7.2250 | <NA> |
| ## 356 | male | 28.00 | 0 | 0 | | 345783 | 9.5000 | <NA> |
| ## 357 | female | 22.00 | 0 | 1 | | 113505 | 55.0000 | E33 |
| ## 358 | female | 38.00 | 0 | 0 | | 237671 | 13.0000 | <NA> |
| ## 359 | female | NA | 0 | 0 | | 330931 | 7.8792 | <NA> |
| ## 360 | female | NA | 0 | 0 | | 330980 | 7.8792 | <NA> |
| ## 361 | male | 40.00 | 1 | 4 | | 347088 | 27.9000 | <NA> |
| ## 362 | male | 29.00 | 1 | 0 | SC/PARIS | 2167 | 27.7208 | <NA> |
| ## 363 | female | 45.00 | 0 | 1 | | 2691 | 14.4542 | <NA> |
| ## 364 | male | 35.00 | 0 | 0 | SOTON/O.Q. | 3101310 | 7.0500 | <NA> |
| ## 365 | male | NA | 1 | 0 | | 370365 | 15.5000 | <NA> |
| ## 366 | male | 30.00 | 0 | 0 | C | 7076 | 7.2500 | <NA> |
| ## 367 | female | 60.00 | 1 | 0 | | 110813 | 75.2500 | D37 |
| ## 368 | female | NA | 0 | 0 | | 2626 | 7.2292 | <NA> |
| ## 369 | female | NA | 0 | 0 | | 14313 | 7.7500 | <NA> |
| ## 370 | female | 24.00 | 0 | 0 | PC | 17477 | 69.3000 | B35 |
| ## 371 | male | 25.00 | 1 | 0 | | 11765 | 55.4417 | E50 |
| ## 372 | male | 18.00 | 1 | 0 | | 3101267 | 6.4958 | <NA> |
| ## 373 | male | 19.00 | 0 | 0 | | 323951 | 8.0500 | <NA> |
| ## 374 | male | 22.00 | 0 | 0 | PC | 17760 | 135.6333 | <NA> |
| ## 375 | female | 3.00 | 3 | 1 | | 349909 | 21.0750 | <NA> |
| ## 376 | female | NA | 1 | 0 | PC | 17604 | 82.1708 | <NA> |
| ## 377 | female | 22.00 | 0 | 0 | C | 7077 | 7.2500 | <NA> |
| ## 378 | male | 27.00 | 0 | 2 | | 113503 | 211.5000 | C82 |
| ## 379 | male | 20.00 | 0 | 0 | | 2648 | 4.0125 | <NA> |
| ## 380 | male | 19.00 | 0 | 0 | | 347069 | 7.7750 | <NA> |
| ## 381 | female | 42.00 | 0 | 0 | PC | 17757 | 227.5250 | <NA> |
| ## 382 | female | 1.00 | 0 | 2 | | 2653 | 15.7417 | <NA> |
| ## 383 | male | 32.00 | 0 | 0 | STON/O 2. | 3101293 | 7.9250 | <NA> |
| ## 384 | female | 35.00 | 1 | 0 | | 113789 | 52.0000 | <NA> |
| ## 385 | male | NA | 0 | 0 | | 349227 | 7.8958 | <NA> |
| ## 386 | male | 18.00 | 0 | 0 | S.O.C. | 14879 | 73.5000 | <NA> |
| ## 387 | male | 1.00 | 5 | 2 | CA | 2144 | 46.9000 | <NA> |
| ## 388 | female | 36.00 | 0 | 0 | | 27849 | 13.0000 | <NA> |
| ## 389 | male | NA | 0 | 0 | | 367655 | 7.7292 | <NA> |
| ## 390 | female | 17.00 | 0 | 0 | SC | 1748 | 12.0000 | <NA> |
| ## 391 | male | 36.00 | 1 | 2 | | 113760 | 120.0000 | B96 B98 |
| ## 392 | male | 21.00 | 0 | 0 | | 350034 | 7.7958 | <NA> |
| ## 393 | male | 28.00 | 2 | 0 | | 3101277 | 7.9250 | <NA> |
| ## 394 | female | 23.00 | 1 | 0 | | 35273 | 113.2750 | D36 |
| ## 395 | female | 24.00 | 0 | 2 | PP | 9549 | 16.7000 | G6 |
| ## 396 | male | 22.00 | 0 | 0 | | 350052 | 7.7958 | <NA> |
| ## 397 | female | 31.00 | 0 | 0 | | 350407 | 7.8542 | <NA> |
| ## 398 | male | 46.00 | 0 | 0 | | 28403 | 26.0000 | <NA> |
| ## 399 | male | 23.00 | 0 | 0 | | 244278 | 10.5000 | <NA> |
| ## 400 | female | 28.00 | 0 | 0 | | 240929 | 12.6500 | <NA> |
| ## 401 | male | 39.00 | 0 | 0 | STON/O 2. | 3101289 | 7.9250 | <NA> |

| | | | | | | | | |
|--------|--------|-------|---|---|------------|---------|----------|-------------|
| ## 402 | male | 26.00 | 0 | 0 | | 341826 | 8.0500 | <NA> |
| ## 403 | female | 21.00 | 1 | 0 | | 4137 | 9.8250 | <NA> |
| ## 404 | male | 28.00 | 1 | 0 | STON/O2. | 3101279 | 15.8500 | <NA> |
| ## 405 | female | 20.00 | 0 | 0 | | 315096 | 8.6625 | <NA> |
| ## 406 | male | 34.00 | 1 | 0 | | 28664 | 21.0000 | <NA> |
| ## 407 | male | 51.00 | 0 | 0 | | 347064 | 7.7500 | <NA> |
| ## 408 | male | 3.00 | 1 | 1 | | 29106 | 18.7500 | <NA> |
| ## 409 | male | 21.00 | 0 | 0 | | 312992 | 7.7750 | <NA> |
| ## 410 | female | NA | 3 | 1 | | 4133 | 25.4667 | <NA> |
| ## 411 | male | NA | 0 | 0 | | 349222 | 7.8958 | <NA> |
| ## 412 | male | NA | 0 | 0 | | 394140 | 6.8583 | <NA> |
| ## 413 | female | 33.00 | 1 | 0 | | 19928 | 90.0000 | C78 |
| ## 414 | male | NA | 0 | 0 | | 239853 | 0.0000 | <NA> |
| ## 415 | male | 44.00 | 0 | 0 | STON/O 2. | 3101269 | 7.9250 | <NA> |
| ## 416 | female | NA | 0 | 0 | | 343095 | 8.0500 | <NA> |
| ## 417 | female | 34.00 | 1 | 1 | | 28220 | 32.5000 | <NA> |
| ## 418 | female | 18.00 | 0 | 2 | | 250652 | 13.0000 | <NA> |
| ## 419 | male | 30.00 | 0 | 0 | | 28228 | 13.0000 | <NA> |
| ## 420 | female | 10.00 | 0 | 2 | | 345773 | 24.1500 | <NA> |
| ## 421 | male | NA | 0 | 0 | | 349254 | 7.8958 | <NA> |
| ## 422 | male | 21.00 | 0 | 0 | A/5. | 13032 | 7.7333 | <NA> |
| ## 423 | male | 29.00 | 0 | 0 | | 315082 | 7.8750 | <NA> |
| ## 424 | female | 28.00 | 1 | 1 | | 347080 | 14.4000 | <NA> |
| ## 425 | male | 18.00 | 1 | 1 | | 370129 | 20.2125 | <NA> |
| ## 426 | male | NA | 0 | 0 | A/4. | 34244 | 7.2500 | <NA> |
| ## 427 | female | 28.00 | 1 | 0 | | 2003 | 26.0000 | <NA> |
| ## 428 | female | 19.00 | 0 | 0 | | 250655 | 26.0000 | <NA> |
| ## 429 | male | NA | 0 | 0 | | 364851 | 7.7500 | <NA> |
| ## 430 | male | 32.00 | 0 | 0 | SOTON/O.Q. | 392078 | 8.0500 | E10 |
| ## 431 | male | 28.00 | 0 | 0 | | 110564 | 26.5500 | C52 |
| ## 432 | female | NA | 1 | 0 | | 376564 | 16.1000 | <NA> |
| ## 433 | female | 42.00 | 1 | 0 | SC/AH | 3085 | 26.0000 | <NA> |
| ## 434 | male | 17.00 | 0 | 0 | STON/O 2. | 3101274 | 7.1250 | <NA> |
| ## 435 | male | 50.00 | 1 | 0 | | 13507 | 55.9000 | E44 |
| ## 436 | female | 14.00 | 1 | 2 | | 113760 | 120.0000 | B96 B98 |
| ## 437 | female | 21.00 | 2 | 2 | W./C. | 6608 | 34.3750 | <NA> |
| ## 438 | female | 24.00 | 2 | 3 | | 29106 | 18.7500 | <NA> |
| ## 439 | male | 64.00 | 1 | 4 | | 19950 | 263.0000 | C23 C25 C27 |
| ## 440 | male | 31.00 | 0 | 0 | C.A. | 18723 | 10.5000 | <NA> |
| ## 441 | female | 45.00 | 1 | 1 | F.C.C. | 13529 | 26.2500 | <NA> |
| ## 442 | male | 20.00 | 0 | 0 | | 345769 | 9.5000 | <NA> |
| ## 443 | male | 25.00 | 1 | 0 | | 347076 | 7.7750 | <NA> |
| ## 444 | female | 28.00 | 0 | 0 | | 230434 | 13.0000 | <NA> |
| ## 445 | male | NA | 0 | 0 | | 65306 | 8.1125 | <NA> |
| ## 446 | male | 4.00 | 0 | 2 | | 33638 | 81.8583 | A34 |
| ## 447 | female | 13.00 | 0 | 1 | | 250644 | 19.5000 | <NA> |
| ## 448 | male | 34.00 | 0 | 0 | | 113794 | 26.5500 | <NA> |
| ## 449 | female | 5.00 | 2 | 1 | | 2666 | 19.2583 | <NA> |
| ## 450 | male | 52.00 | 0 | 0 | | 113786 | 30.5000 | C104 |
| ## 451 | male | 36.00 | 1 | 2 | C.A. | 34651 | 27.7500 | <NA> |
| ## 452 | male | NA | 1 | 0 | | 65303 | 19.9667 | <NA> |
| ## 453 | male | 30.00 | 0 | 0 | | 113051 | 27.7500 | C111 |
| ## 454 | male | 49.00 | 1 | 0 | | 17453 | 89.1042 | C92 |
| ## 455 | male | NA | 0 | 0 | A/5 | 2817 | 8.0500 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|--------------------|----------|---------|
| ## 456 | male | 29.00 | 0 | 0 | 349240 | 7.8958 | <NA> |
| ## 457 | male | 65.00 | 0 | 0 | 13509 | 26.5500 | E38 |
| ## 458 | female | NA | 1 | 0 | 17464 | 51.8625 | D21 |
| ## 459 | female | 50.00 | 0 | 0 | F.C.C. 13531 | 10.5000 | <NA> |
| ## 460 | male | NA | 0 | 0 | 371060 | 7.7500 | <NA> |
| ## 461 | male | 48.00 | 0 | 0 | 19952 | 26.5500 | E12 |
| ## 462 | male | 34.00 | 0 | 0 | 364506 | 8.0500 | <NA> |
| ## 463 | male | 47.00 | 0 | 0 | 111320 | 38.5000 | E63 |
| ## 464 | male | 48.00 | 0 | 0 | 234360 | 13.0000 | <NA> |
| ## 465 | male | NA | 0 | 0 | A/S 2816 | 8.0500 | <NA> |
| ## 466 | male | 38.00 | 0 | 0 | SOTON/O.Q. 3101306 | 7.0500 | <NA> |
| ## 467 | male | NA | 0 | 0 | 239853 | 0.0000 | <NA> |
| ## 468 | male | 56.00 | 0 | 0 | 113792 | 26.5500 | <NA> |
| ## 469 | male | NA | 0 | 0 | 36209 | 7.7250 | <NA> |
| ## 470 | female | 0.75 | 2 | 1 | 2666 | 19.2583 | <NA> |
| ## 471 | male | NA | 0 | 0 | 323592 | 7.2500 | <NA> |
| ## 472 | male | 38.00 | 0 | 0 | 315089 | 8.6625 | <NA> |
| ## 473 | female | 33.00 | 1 | 2 | C.A. 34651 | 27.7500 | <NA> |
| ## 474 | female | 23.00 | 0 | 0 | SC/AH Basle 541 | 13.7917 | D |
| ## 475 | female | 22.00 | 0 | 0 | 7553 | 9.8375 | <NA> |
| ## 476 | male | NA | 0 | 0 | 110465 | 52.0000 | A14 |
| ## 477 | male | 34.00 | 1 | 0 | 31027 | 21.0000 | <NA> |
| ## 478 | male | 29.00 | 1 | 0 | 3460 | 7.0458 | <NA> |
| ## 479 | male | 22.00 | 0 | 0 | 350060 | 7.5208 | <NA> |
| ## 480 | female | 2.00 | 0 | 1 | 3101298 | 12.2875 | <NA> |
| ## 481 | male | 9.00 | 5 | 2 | CA 2144 | 46.9000 | <NA> |
| ## 482 | male | NA | 0 | 0 | 239854 | 0.0000 | <NA> |
| ## 483 | male | 50.00 | 0 | 0 | A/5 3594 | 8.0500 | <NA> |
| ## 484 | female | 63.00 | 0 | 0 | 4134 | 9.5875 | <NA> |
| ## 485 | male | 25.00 | 1 | 0 | 11967 | 91.0792 | B49 |
| ## 486 | female | NA | 3 | 1 | 4133 | 25.4667 | <NA> |
| ## 487 | female | 35.00 | 1 | 0 | 19943 | 90.0000 | C93 |
| ## 488 | male | 58.00 | 0 | 0 | 11771 | 29.7000 | B37 |
| ## 489 | male | 30.00 | 0 | 0 | A.5. 18509 | 8.0500 | <NA> |
| ## 490 | male | 9.00 | 1 | 1 | C.A. 37671 | 15.9000 | <NA> |
| ## 491 | male | NA | 1 | 0 | 65304 | 19.9667 | <NA> |
| ## 492 | male | 21.00 | 0 | 0 | SOTON/OQ 3101317 | 7.2500 | <NA> |
| ## 493 | male | 55.00 | 0 | 0 | 113787 | 30.5000 | C30 |
| ## 494 | male | 71.00 | 0 | 0 | PC 17609 | 49.5042 | <NA> |
| ## 495 | male | 21.00 | 0 | 0 | A/4 45380 | 8.0500 | <NA> |
| ## 496 | male | NA | 0 | 0 | 2627 | 14.4583 | <NA> |
| ## 497 | female | 54.00 | 1 | 0 | 36947 | 78.2667 | D20 |
| ## 498 | male | NA | 0 | 0 | C.A. 6212 | 15.1000 | <NA> |
| ## 499 | female | 25.00 | 1 | 2 | 113781 | 151.5500 | C22 C26 |
| ## 500 | male | 24.00 | 0 | 0 | 350035 | 7.7958 | <NA> |
| ## 501 | male | 17.00 | 0 | 0 | 315086 | 8.6625 | <NA> |
| ## 502 | female | 21.00 | 0 | 0 | 364846 | 7.7500 | <NA> |
| ## 503 | female | NA | 0 | 0 | 330909 | 7.6292 | <NA> |
| ## 504 | female | 37.00 | 0 | 0 | 4135 | 9.5875 | <NA> |
| ## 505 | female | 16.00 | 0 | 0 | 110152 | 86.5000 | B79 |
| ## 506 | male | 18.00 | 1 | 0 | PC 17758 | 108.9000 | C65 |
| ## 507 | female | 33.00 | 0 | 2 | 26360 | 26.0000 | <NA> |
| ## 508 | male | NA | 0 | 0 | 111427 | 26.5500 | <NA> |
| ## 509 | male | 28.00 | 0 | 0 | C 4001 | 22.5250 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|------------------|----------|------|
| ## 510 | male | 26.00 | 0 | 0 | 1601 | 56.4958 | <NA> |
| ## 511 | male | 29.00 | 0 | 0 | 382651 | 7.7500 | <NA> |
| ## 512 | male | NA | 0 | 0 | SOTON/OQ 3101316 | 8.0500 | <NA> |
| ## 513 | male | 36.00 | 0 | 0 | PC 17473 | 26.2875 | E25 |
| ## 514 | female | 54.00 | 1 | 0 | PC 17603 | 59.4000 | <NA> |
| ## 515 | male | 24.00 | 0 | 0 | 349209 | 7.4958 | <NA> |
| ## 516 | male | 47.00 | 0 | 0 | 36967 | 34.0208 | D46 |
| ## 517 | female | 34.00 | 0 | 0 | C.A. 34260 | 10.5000 | F33 |
| ## 518 | male | NA | 0 | 0 | 371110 | 24.1500 | <NA> |
| ## 519 | female | 36.00 | 1 | 0 | 226875 | 26.0000 | <NA> |
| ## 520 | male | 32.00 | 0 | 0 | 349242 | 7.8958 | <NA> |
| ## 521 | female | 30.00 | 0 | 0 | 12749 | 93.5000 | B73 |
| ## 522 | male | 22.00 | 0 | 0 | 349252 | 7.8958 | <NA> |
| ## 523 | male | NA | 0 | 0 | 2624 | 7.2250 | <NA> |
| ## 524 | female | 44.00 | 0 | 1 | 111361 | 57.9792 | B18 |
| ## 525 | male | NA | 0 | 0 | 2700 | 7.2292 | <NA> |
| ## 526 | male | 40.50 | 0 | 0 | 367232 | 7.7500 | <NA> |
| ## 527 | female | 50.00 | 0 | 0 | W./C. 14258 | 10.5000 | <NA> |
| ## 528 | male | NA | 0 | 0 | PC 17483 | 221.7792 | C95 |
| ## 529 | male | 39.00 | 0 | 0 | 3101296 | 7.9250 | <NA> |
| ## 530 | male | 23.00 | 2 | 1 | 29104 | 11.5000 | <NA> |
| ## 531 | female | 2.00 | 1 | 1 | 26360 | 26.0000 | <NA> |
| ## 532 | male | NA | 0 | 0 | 2641 | 7.2292 | <NA> |
| ## 533 | male | 17.00 | 1 | 1 | 2690 | 7.2292 | <NA> |
| ## 534 | female | NA | 0 | 2 | 2668 | 22.3583 | <NA> |
| ## 535 | female | 30.00 | 0 | 0 | 315084 | 8.6625 | <NA> |
| ## 536 | female | 7.00 | 0 | 2 | F.C.C. 13529 | 26.2500 | <NA> |
| ## 537 | male | 45.00 | 0 | 0 | 113050 | 26.5500 | B38 |
| ## 538 | female | 30.00 | 0 | 0 | PC 17761 | 106.4250 | <NA> |
| ## 539 | male | NA | 0 | 0 | 364498 | 14.5000 | <NA> |
| ## 540 | female | 22.00 | 0 | 2 | 13568 | 49.5000 | B39 |
| ## 541 | female | 36.00 | 0 | 2 | WE/P 5735 | 71.0000 | B22 |
| ## 542 | female | 9.00 | 4 | 2 | 347082 | 31.2750 | <NA> |
| ## 543 | female | 11.00 | 4 | 2 | 347082 | 31.2750 | <NA> |
| ## 544 | male | 32.00 | 1 | 0 | 2908 | 26.0000 | <NA> |
| ## 545 | male | 50.00 | 1 | 0 | PC 17761 | 106.4250 | C86 |
| ## 546 | male | 64.00 | 0 | 0 | 693 | 26.0000 | <NA> |
| ## 547 | female | 19.00 | 1 | 0 | 2908 | 26.0000 | <NA> |
| ## 548 | male | NA | 0 | 0 | SC/PARIS 2146 | 13.8625 | <NA> |
| ## 549 | male | 33.00 | 1 | 1 | 363291 | 20.5250 | <NA> |
| ## 550 | male | 8.00 | 1 | 1 | C.A. 33112 | 36.7500 | <NA> |
| ## 551 | male | 17.00 | 0 | 2 | 17421 | 110.8833 | C70 |
| ## 552 | male | 27.00 | 0 | 0 | 244358 | 26.0000 | <NA> |
| ## 553 | male | NA | 0 | 0 | 330979 | 7.8292 | <NA> |
| ## 554 | male | 22.00 | 0 | 0 | 2620 | 7.2250 | <NA> |
| ## 555 | female | 22.00 | 0 | 0 | 347085 | 7.7750 | <NA> |
| ## 556 | male | 62.00 | 0 | 0 | 113807 | 26.5500 | <NA> |
| ## 557 | female | 48.00 | 1 | 0 | 11755 | 39.6000 | A16 |
| ## 558 | male | NA | 0 | 0 | PC 17757 | 227.5250 | <NA> |
| ## 559 | female | 39.00 | 1 | 1 | 110413 | 79.6500 | E67 |
| ## 560 | female | 36.00 | 1 | 0 | 345572 | 17.4000 | <NA> |
| ## 561 | male | NA | 0 | 0 | 372622 | 7.7500 | <NA> |
| ## 562 | male | 40.00 | 0 | 0 | 349251 | 7.8958 | <NA> |
| ## 563 | male | 28.00 | 0 | 0 | 218629 | 13.5000 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|--------------------|----------|------|
| ## 564 | male | NA | 0 | 0 | SOTON/OQ 392082 | 8.0500 | <NA> |
| ## 565 | female | NA | 0 | 0 | SOTON/O.Q. 392087 | 8.0500 | <NA> |
| ## 566 | male | 24.00 | 2 | 0 | A/4 48871 | 24.1500 | <NA> |
| ## 567 | male | 19.00 | 0 | 0 | 349205 | 7.8958 | <NA> |
| ## 568 | female | 29.00 | 0 | 4 | 349909 | 21.0750 | <NA> |
| ## 569 | male | NA | 0 | 0 | 2686 | 7.2292 | <NA> |
| ## 570 | male | 32.00 | 0 | 0 | 350417 | 7.8542 | <NA> |
| ## 571 | male | 62.00 | 0 | 0 | S.W./PP 752 | 10.5000 | <NA> |
| ## 572 | female | 53.00 | 2 | 0 | 11769 | 51.4792 | C101 |
| ## 573 | male | 36.00 | 0 | 0 | PC 17474 | 26.3875 | E25 |
| ## 574 | female | NA | 0 | 0 | 14312 | 7.7500 | <NA> |
| ## 575 | male | 16.00 | 0 | 0 | A/4. 20589 | 8.0500 | <NA> |
| ## 576 | male | 19.00 | 0 | 0 | 358585 | 14.5000 | <NA> |
| ## 577 | female | 34.00 | 0 | 0 | 243880 | 13.0000 | <NA> |
| ## 578 | female | 39.00 | 1 | 0 | 13507 | 55.9000 | E44 |
| ## 579 | female | NA | 1 | 0 | 2689 | 14.4583 | <NA> |
| ## 580 | male | 32.00 | 0 | 0 | STON/O 2. 3101286 | 7.9250 | <NA> |
| ## 581 | female | 25.00 | 1 | 1 | 237789 | 30.0000 | <NA> |
| ## 582 | female | 39.00 | 1 | 1 | 17421 | 110.8833 | C68 |
| ## 583 | male | 54.00 | 0 | 0 | 28403 | 26.0000 | <NA> |
| ## 584 | male | 36.00 | 0 | 0 | 13049 | 40.1250 | A10 |
| ## 585 | male | NA | 0 | 0 | 3411 | 8.7125 | <NA> |
| ## 586 | female | 18.00 | 0 | 2 | 110413 | 79.6500 | E68 |
| ## 587 | male | 47.00 | 0 | 0 | 237565 | 15.0000 | <NA> |
| ## 588 | male | 60.00 | 1 | 1 | 13567 | 79.2000 | B41 |
| ## 589 | male | 22.00 | 0 | 0 | 14973 | 8.0500 | <NA> |
| ## 590 | male | NA | 0 | 0 | A./5. 3235 | 8.0500 | <NA> |
| ## 591 | male | 35.00 | 0 | 0 | STON/O 2. 3101273 | 7.1250 | <NA> |
| ## 592 | female | 52.00 | 1 | 0 | 36947 | 78.2667 | D20 |
| ## 593 | male | 47.00 | 0 | 0 | A/5 3902 | 7.2500 | <NA> |
| ## 594 | female | NA | 0 | 2 | 364848 | 7.7500 | <NA> |
| ## 595 | male | 37.00 | 1 | 0 | SC/AH 29037 | 26.0000 | <NA> |
| ## 596 | male | 36.00 | 1 | 1 | 345773 | 24.1500 | <NA> |
| ## 597 | female | NA | 0 | 0 | 248727 | 33.0000 | <NA> |
| ## 598 | male | 49.00 | 0 | 0 | LINE | 0.0000 | <NA> |
| ## 599 | male | NA | 0 | 0 | 2664 | 7.2250 | <NA> |
| ## 600 | male | 49.00 | 1 | 0 | PC 17485 | 56.9292 | A20 |
| ## 601 | female | 24.00 | 2 | 1 | 243847 | 27.0000 | <NA> |
| ## 602 | male | NA | 0 | 0 | 349214 | 7.8958 | <NA> |
| ## 603 | male | NA | 0 | 0 | 113796 | 42.4000 | <NA> |
| ## 604 | male | 44.00 | 0 | 0 | 364511 | 8.0500 | <NA> |
| ## 605 | male | 35.00 | 0 | 0 | 111426 | 26.5500 | <NA> |
| ## 606 | male | 36.00 | 1 | 0 | 349910 | 15.5500 | <NA> |
| ## 607 | male | 30.00 | 0 | 0 | 349246 | 7.8958 | <NA> |
| ## 608 | male | 27.00 | 0 | 0 | 113804 | 30.5000 | <NA> |
| ## 609 | female | 22.00 | 1 | 2 | SC/Paris 2123 | 41.5792 | <NA> |
| ## 610 | female | 40.00 | 0 | 0 | PC 17582 | 153.4625 | C125 |
| ## 611 | female | 39.00 | 1 | 5 | 347082 | 31.2750 | <NA> |
| ## 612 | male | NA | 0 | 0 | SOTON/O.Q. 3101305 | 7.0500 | <NA> |
| ## 613 | female | NA | 1 | 0 | 367230 | 15.5000 | <NA> |
| ## 614 | male | NA | 0 | 0 | 370377 | 7.7500 | <NA> |
| ## 615 | male | 35.00 | 0 | 0 | 364512 | 8.0500 | <NA> |
| ## 616 | female | 24.00 | 1 | 2 | 220845 | 65.0000 | <NA> |
| ## 617 | male | 34.00 | 1 | 1 | 347080 | 14.4000 | <NA> |

| | | | | | | | |
|--------|--------|-------|---|---|-------------------|----------|------|
| ## 618 | female | 26.00 | 1 | 0 | A/5. 3336 | 16.1000 | <NA> |
| ## 619 | female | 4.00 | 2 | 1 | 230136 | 39.0000 | F4 |
| ## 620 | male | 26.00 | 0 | 0 | 31028 | 10.5000 | <NA> |
| ## 621 | male | 27.00 | 1 | 0 | 2659 | 14.4542 | <NA> |
| ## 622 | male | 42.00 | 1 | 0 | 11753 | 52.5542 | D19 |
| ## 623 | male | 20.00 | 1 | 1 | 2653 | 15.7417 | <NA> |
| ## 624 | male | 21.00 | 0 | 0 | 350029 | 7.8542 | <NA> |
| ## 625 | male | 21.00 | 0 | 0 | 54636 | 16.1000 | <NA> |
| ## 626 | male | 61.00 | 0 | 0 | 36963 | 32.3208 | D50 |
| ## 627 | male | 57.00 | 0 | 0 | 219533 | 12.3500 | <NA> |
| ## 628 | female | 21.00 | 0 | 0 | 13502 | 77.9583 | D9 |
| ## 629 | male | 26.00 | 0 | 0 | 349224 | 7.8958 | <NA> |
| ## 630 | male | NA | 0 | 0 | 334912 | 7.7333 | <NA> |
| ## 631 | male | 80.00 | 0 | 0 | 27042 | 30.0000 | A23 |
| ## 632 | male | 51.00 | 0 | 0 | 347743 | 7.0542 | <NA> |
| ## 633 | male | 32.00 | 0 | 0 | 13214 | 30.5000 | B50 |
| ## 634 | male | NA | 0 | 0 | 112052 | 0.0000 | <NA> |
| ## 635 | female | 9.00 | 3 | 2 | 347088 | 27.9000 | <NA> |
| ## 636 | female | 28.00 | 0 | 0 | 237668 | 13.0000 | <NA> |
| ## 637 | male | 32.00 | 0 | 0 | STON/O 2. 3101292 | 7.9250 | <NA> |
| ## 638 | male | 31.00 | 1 | 1 | C.A. 31921 | 26.2500 | <NA> |
| ## 639 | female | 41.00 | 0 | 5 | 3101295 | 39.6875 | <NA> |
| ## 640 | male | NA | 1 | 0 | 376564 | 16.1000 | <NA> |
| ## 641 | male | 20.00 | 0 | 0 | 350050 | 7.8542 | <NA> |
| ## 642 | female | 24.00 | 0 | 0 | PC 17477 | 69.3000 | B35 |
| ## 643 | female | 2.00 | 3 | 2 | 347088 | 27.9000 | <NA> |
| ## 644 | male | NA | 0 | 0 | 1601 | 56.4958 | <NA> |
| ## 645 | female | 0.75 | 2 | 1 | 2666 | 19.2583 | <NA> |
| ## 646 | male | 48.00 | 1 | 0 | PC 17572 | 76.7292 | D33 |
| ## 647 | male | 19.00 | 0 | 0 | 349231 | 7.8958 | <NA> |
| ## 648 | male | 56.00 | 0 | 0 | 13213 | 35.5000 | A26 |
| ## 649 | male | NA | 0 | 0 | S.O./P.P. 751 | 7.5500 | <NA> |
| ## 650 | female | 23.00 | 0 | 0 | CA. 2314 | 7.5500 | <NA> |
| ## 651 | male | NA | 0 | 0 | 349221 | 7.8958 | <NA> |
| ## 652 | female | 18.00 | 0 | 1 | 231919 | 23.0000 | <NA> |
| ## 653 | male | 21.00 | 0 | 0 | 8475 | 8.4333 | <NA> |
| ## 654 | female | NA | 0 | 0 | 330919 | 7.8292 | <NA> |
| ## 655 | female | 18.00 | 0 | 0 | 365226 | 6.7500 | <NA> |
| ## 656 | male | 24.00 | 2 | 0 | S.O.C. 14879 | 73.5000 | <NA> |
| ## 657 | male | NA | 0 | 0 | 349223 | 7.8958 | <NA> |
| ## 658 | female | 32.00 | 1 | 1 | 364849 | 15.5000 | <NA> |
| ## 659 | male | 23.00 | 0 | 0 | 29751 | 13.0000 | <NA> |
| ## 660 | male | 58.00 | 0 | 2 | 35273 | 113.2750 | D48 |
| ## 661 | male | 50.00 | 2 | 0 | PC 17611 | 133.6500 | <NA> |
| ## 662 | male | 40.00 | 0 | 0 | 2623 | 7.2250 | <NA> |
| ## 663 | male | 47.00 | 0 | 0 | 5727 | 25.5875 | E58 |
| ## 664 | male | 36.00 | 0 | 0 | 349210 | 7.4958 | <NA> |
| ## 665 | male | 20.00 | 1 | 0 | STON/O 2. 3101285 | 7.9250 | <NA> |
| ## 666 | male | 32.00 | 2 | 0 | S.O.C. 14879 | 73.5000 | <NA> |
| ## 667 | male | 25.00 | 0 | 0 | 234686 | 13.0000 | <NA> |
| ## 668 | male | NA | 0 | 0 | 312993 | 7.7750 | <NA> |
| ## 669 | male | 43.00 | 0 | 0 | A/5 3536 | 8.0500 | <NA> |
| ## 670 | female | NA | 1 | 0 | 19996 | 52.0000 | C126 |
| ## 671 | female | 40.00 | 1 | 1 | 29750 | 39.0000 | <NA> |

| | | | | | | | | |
|--------|--------|-------|---|---|----------|---------|----------|-------------|
| ## 672 | male | 31.00 | 1 | 0 | F.C. | 12750 | 52.0000 | B71 |
| ## 673 | male | 70.00 | 0 | 0 | C.A. | 24580 | 10.5000 | <NA> |
| ## 674 | male | 31.00 | 0 | 0 | | 244270 | 13.0000 | <NA> |
| ## 675 | male | NA | 0 | 0 | | 239856 | 0.0000 | <NA> |
| ## 676 | male | 18.00 | 0 | 0 | | 349912 | 7.7750 | <NA> |
| ## 677 | male | 24.50 | 0 | 0 | | 342826 | 8.0500 | <NA> |
| ## 678 | female | 18.00 | 0 | 0 | | 4138 | 9.8417 | <NA> |
| ## 679 | female | 43.00 | 1 | 6 | CA | 2144 | 46.9000 | <NA> |
| ## 680 | male | 36.00 | 0 | 1 | PC | 17755 | 512.3292 | B51 B53 B55 |
| ## 681 | female | NA | 0 | 0 | | 330935 | 8.1375 | <NA> |
| ## 682 | male | 27.00 | 0 | 0 | PC | 17572 | 76.7292 | D49 |
| ## 683 | male | 20.00 | 0 | 0 | | 6563 | 9.2250 | <NA> |
| ## 684 | male | 14.00 | 5 | 2 | CA | 2144 | 46.9000 | <NA> |
| ## 685 | male | 60.00 | 1 | 1 | | 29750 | 39.0000 | <NA> |
| ## 686 | male | 25.00 | 1 | 2 | SC/Paris | 2123 | 41.5792 | <NA> |
| ## 687 | male | 14.00 | 4 | 1 | | 3101295 | 39.6875 | <NA> |
| ## 688 | male | 19.00 | 0 | 0 | | 349228 | 10.1708 | <NA> |
| ## 689 | male | 18.00 | 0 | 0 | | 350036 | 7.7958 | <NA> |
| ## 690 | female | 15.00 | 0 | 1 | | 24160 | 211.3375 | B5 |
| ## 691 | male | 31.00 | 1 | 0 | | 17474 | 57.0000 | B20 |
| ## 692 | female | 4.00 | 0 | 1 | | 349256 | 13.4167 | <NA> |
| ## 693 | male | NA | 0 | 0 | | 1601 | 56.4958 | <NA> |
| ## 694 | male | 25.00 | 0 | 0 | | 2672 | 7.2250 | <NA> |
| ## 695 | male | 60.00 | 0 | 0 | | 113800 | 26.5500 | <NA> |
| ## 696 | male | 52.00 | 0 | 0 | | 248731 | 13.5000 | <NA> |
| ## 697 | male | 44.00 | 0 | 0 | | 363592 | 8.0500 | <NA> |
| ## 698 | female | NA | 0 | 0 | | 35852 | 7.7333 | <NA> |
| ## 699 | male | 49.00 | 1 | 1 | | 17421 | 110.8833 | C68 |
| ## 700 | male | 42.00 | 0 | 0 | | 348121 | 7.6500 | F G63 |
| ## 701 | female | 18.00 | 1 | 0 | PC | 17757 | 227.5250 | C62 C64 |
| ## 702 | male | 35.00 | 0 | 0 | PC | 17475 | 26.2875 | E24 |
| ## 703 | female | 18.00 | 0 | 1 | | 2691 | 14.4542 | <NA> |
| ## 704 | male | 25.00 | 0 | 0 | | 36864 | 7.7417 | <NA> |
| ## 705 | male | 26.00 | 1 | 0 | | 350025 | 7.8542 | <NA> |
| ## 706 | male | 39.00 | 0 | 0 | | 250655 | 26.0000 | <NA> |
| ## 707 | female | 45.00 | 0 | 0 | | 223596 | 13.5000 | <NA> |
| ## 708 | male | 42.00 | 0 | 0 | PC | 17476 | 26.2875 | E24 |
| ## 709 | female | 22.00 | 0 | 0 | | 113781 | 151.5500 | <NA> |
| ## 710 | male | NA | 1 | 1 | | 2661 | 15.2458 | <NA> |
| ## 711 | female | 24.00 | 0 | 0 | PC | 17482 | 49.5042 | C90 |
| ## 712 | male | NA | 0 | 0 | | 113028 | 26.5500 | C124 |
| ## 713 | male | 48.00 | 1 | 0 | | 19996 | 52.0000 | C126 |
| ## 714 | male | 29.00 | 0 | 0 | | 7545 | 9.4833 | <NA> |
| ## 715 | male | 52.00 | 0 | 0 | | 250647 | 13.0000 | <NA> |
| ## 716 | male | 19.00 | 0 | 0 | | 348124 | 7.6500 | F G73 |
| ## 717 | female | 38.00 | 0 | 0 | PC | 17757 | 227.5250 | C45 |
| ## 718 | female | 27.00 | 0 | 0 | | 34218 | 10.5000 | E101 |
| ## 719 | male | NA | 0 | 0 | | 36568 | 15.5000 | <NA> |
| ## 720 | male | 33.00 | 0 | 0 | | 347062 | 7.7750 | <NA> |
| ## 721 | female | 6.00 | 0 | 1 | | 248727 | 33.0000 | <NA> |
| ## 722 | male | 17.00 | 1 | 0 | | 350048 | 7.0542 | <NA> |
| ## 723 | male | 34.00 | 0 | 0 | | 12233 | 13.0000 | <NA> |
| ## 724 | male | 50.00 | 0 | 0 | | 250643 | 13.0000 | <NA> |
| ## 725 | male | 27.00 | 1 | 0 | | 113806 | 53.1000 | E8 |

| | | | | | | | |
|--------|--------|-------|---|---|-------------------|----------|-----------------|
| ## 726 | male | 20.00 | 0 | 0 | 315094 | 8.6625 | <NA> |
| ## 727 | female | 30.00 | 3 | 0 | 31027 | 21.0000 | <NA> |
| ## 728 | female | NA | 0 | 0 | 36866 | 7.7375 | <NA> |
| ## 729 | male | 25.00 | 1 | 0 | 236853 | 26.0000 | <NA> |
| ## 730 | female | 25.00 | 1 | 0 | STON/O2. 3101271 | 7.9250 | <NA> |
| ## 731 | female | 29.00 | 0 | 0 | 24160 | 211.3375 | B5 |
| ## 732 | male | 11.00 | 0 | 0 | 2699 | 18.7875 | <NA> |
| ## 733 | male | NA | 0 | 0 | 239855 | 0.0000 | <NA> |
| ## 734 | male | 23.00 | 0 | 0 | 28425 | 13.0000 | <NA> |
| ## 735 | male | 23.00 | 0 | 0 | 233639 | 13.0000 | <NA> |
| ## 736 | male | 28.50 | 0 | 0 | 54636 | 16.1000 | <NA> |
| ## 737 | female | 48.00 | 1 | 3 | W./C. 6608 | 34.3750 | <NA> |
| ## 738 | male | 35.00 | 0 | 0 | PC 17755 | 512.3292 | B101 |
| ## 739 | male | NA | 0 | 0 | 349201 | 7.8958 | <NA> |
| ## 740 | male | NA | 0 | 0 | 349218 | 7.8958 | <NA> |
| ## 741 | male | NA | 0 | 0 | 16988 | 30.0000 | D45 |
| ## 742 | male | 36.00 | 1 | 0 | 19877 | 78.8500 | C46 |
| ## 743 | female | 21.00 | 2 | 2 | PC 17608 | 262.3750 | B57 B59 B63 B66 |
| ## 744 | male | 24.00 | 1 | 0 | 376566 | 16.1000 | <NA> |
| ## 745 | male | 31.00 | 0 | 0 | STON/O 2. 3101288 | 7.9250 | <NA> |
| ## 746 | male | 70.00 | 1 | 1 | WE/P 5735 | 71.0000 | B22 |
| ## 747 | male | 16.00 | 1 | 1 | C.A. 2673 | 20.2500 | <NA> |
| ## 748 | female | 30.00 | 0 | 0 | 250648 | 13.0000 | <NA> |
| ## 749 | male | 19.00 | 1 | 0 | 113773 | 53.1000 | D30 |
| ## 750 | male | 31.00 | 0 | 0 | 335097 | 7.7500 | <NA> |
| ## 751 | female | 4.00 | 1 | 1 | 29103 | 23.0000 | <NA> |
| ## 752 | male | 6.00 | 0 | 1 | 392096 | 12.4750 | E121 |
| ## 753 | male | 33.00 | 0 | 0 | 345780 | 9.5000 | <NA> |
| ## 754 | male | 23.00 | 0 | 0 | 349204 | 7.8958 | <NA> |
| ## 755 | female | 48.00 | 1 | 2 | 220845 | 65.0000 | <NA> |
| ## 756 | male | 0.67 | 1 | 1 | 250649 | 14.5000 | <NA> |
| ## 757 | male | 28.00 | 0 | 0 | 350042 | 7.7958 | <NA> |
| ## 758 | male | 18.00 | 0 | 0 | 29108 | 11.5000 | <NA> |
| ## 759 | male | 34.00 | 0 | 0 | 363294 | 8.0500 | <NA> |
| ## 760 | female | 33.00 | 0 | 0 | 110152 | 86.5000 | B77 |
| ## 761 | male | NA | 0 | 0 | 358585 | 14.5000 | <NA> |
| ## 762 | male | 41.00 | 0 | 0 | SOTON/O2 3101272 | 7.1250 | <NA> |
| ## 763 | male | 20.00 | 0 | 0 | 2663 | 7.2292 | <NA> |
| ## 764 | female | 36.00 | 1 | 2 | 113760 | 120.0000 | B96 B98 |
| ## 765 | male | 16.00 | 0 | 0 | 347074 | 7.7750 | <NA> |
| ## 766 | female | 51.00 | 1 | 0 | 13502 | 77.9583 | D11 |
| ## 767 | male | NA | 0 | 0 | 112379 | 39.6000 | <NA> |
| ## 768 | female | 30.50 | 0 | 0 | 364850 | 7.7500 | <NA> |
| ## 769 | male | NA | 1 | 0 | 371110 | 24.1500 | <NA> |
| ## 770 | male | 32.00 | 0 | 0 | 8471 | 8.3625 | <NA> |
| ## 771 | male | 24.00 | 0 | 0 | 345781 | 9.5000 | <NA> |
| ## 772 | male | 48.00 | 0 | 0 | 350047 | 7.8542 | <NA> |
| ## 773 | female | 57.00 | 0 | 0 | S.O./P.P. 3 | 10.5000 | E77 |
| ## 774 | male | NA | 0 | 0 | 2674 | 7.2250 | <NA> |
| ## 775 | female | 54.00 | 1 | 3 | 29105 | 23.0000 | <NA> |
| ## 776 | male | 18.00 | 0 | 0 | 347078 | 7.7500 | <NA> |
| ## 777 | male | NA | 0 | 0 | 383121 | 7.7500 | F38 |
| ## 778 | female | 5.00 | 0 | 0 | 364516 | 12.4750 | <NA> |
| ## 779 | male | NA | 0 | 0 | 36865 | 7.7375 | <NA> |

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|---------------|-------|---|---|------------|---------|----------|---------|
| ## 780 female | 43.00 | 0 | 1 | | 24160 | 211.3375 | B3 |
| ## 781 female | 13.00 | 0 | 0 | | 2687 | 7.2292 | <NA> |
| ## 782 female | 17.00 | 1 | 0 | | 17474 | 57.0000 | B20 |
| ## 783 male | 29.00 | 0 | 0 | | 113501 | 30.0000 | D6 |
| ## 784 male | NA | 1 | 2 | W./C. | 6607 | 23.4500 | <NA> |
| ## 785 male | 25.00 | 0 | 0 | SOTON/O.Q. | 3101312 | 7.0500 | <NA> |
| ## 786 male | 25.00 | 0 | 0 | | 374887 | 7.2500 | <NA> |
| ## 787 female | 18.00 | 0 | 0 | | 3101265 | 7.4958 | <NA> |
| ## 788 male | 8.00 | 4 | 1 | | 382652 | 29.1250 | <NA> |
| ## 789 male | 1.00 | 1 | 2 | C.A. | 2315 | 20.5750 | <NA> |
| ## 790 male | 46.00 | 0 | 0 | PC | 17593 | 79.2000 | B82 B84 |
| ## 791 male | NA | 0 | 0 | | 12460 | 7.7500 | <NA> |
| ## 792 male | 16.00 | 0 | 0 | | 239865 | 26.0000 | <NA> |
| ## 793 female | NA | 8 | 2 | CA. | 2343 | 69.5500 | <NA> |
| ## 794 male | NA | 0 | 0 | PC | 17600 | 30.6958 | <NA> |
| ## 795 male | 25.00 | 0 | 0 | | 349203 | 7.8958 | <NA> |
| ## 796 male | 39.00 | 0 | 0 | | 28213 | 13.0000 | <NA> |
| ## 797 female | 49.00 | 0 | 0 | | 17465 | 25.9292 | D17 |
| ## 798 female | 31.00 | 0 | 0 | | 349244 | 8.6833 | <NA> |
| ## 799 male | 30.00 | 0 | 0 | | 2685 | 7.2292 | <NA> |
| ## 800 female | 30.00 | 1 | 1 | | 345773 | 24.1500 | <NA> |
| ## 801 male | 34.00 | 0 | 0 | | 250647 | 13.0000 | <NA> |
| ## 802 female | 31.00 | 1 | 1 | C.A. | 31921 | 26.2500 | <NA> |
| ## 803 male | 11.00 | 1 | 2 | | 113760 | 120.0000 | B96 B98 |
| ## 804 male | 0.42 | 0 | 1 | | 2625 | 8.5167 | <NA> |
| ## 805 male | 27.00 | 0 | 0 | | 347089 | 6.9750 | <NA> |
| ## 806 male | 31.00 | 0 | 0 | | 347063 | 7.7750 | <NA> |
| ## 807 male | 39.00 | 0 | 0 | | 112050 | 0.0000 | A36 |
| ## 808 female | 18.00 | 0 | 0 | | 347087 | 7.7750 | <NA> |
| ## 809 male | 39.00 | 0 | 0 | | 248723 | 13.0000 | <NA> |
| ## 810 female | 33.00 | 1 | 0 | | 113806 | 53.1000 | E8 |
| ## 811 male | 26.00 | 0 | 0 | | 3474 | 7.8875 | <NA> |
| ## 812 male | 39.00 | 0 | 0 | A/4 | 48871 | 24.1500 | <NA> |
| ## 813 male | 35.00 | 0 | 0 | | 28206 | 10.5000 | <NA> |
| ## 814 female | 6.00 | 4 | 2 | | 347082 | 31.2750 | <NA> |
| ## 815 male | 30.50 | 0 | 0 | | 364499 | 8.0500 | <NA> |
| ## 816 male | NA | 0 | 0 | | 112058 | 0.0000 | B102 |
| ## 817 female | 23.00 | 0 | 0 | STON/O2. | 3101290 | 7.9250 | <NA> |
| ## 818 male | 31.00 | 1 | 1 | S.C./PARIS | 2079 | 37.0042 | <NA> |
| ## 819 male | 43.00 | 0 | 0 | C | 7075 | 6.4500 | <NA> |
| ## 820 male | 10.00 | 3 | 2 | | 347088 | 27.9000 | <NA> |
| ## 821 female | 52.00 | 1 | 1 | | 12749 | 93.5000 | B69 |
| ## 822 male | 27.00 | 0 | 0 | | 315098 | 8.6625 | <NA> |
| ## 823 male | 38.00 | 0 | 0 | | 19972 | 0.0000 | <NA> |
| ## 824 female | 27.00 | 0 | 1 | | 392096 | 12.4750 | E121 |
| ## 825 male | 2.00 | 4 | 1 | | 3101295 | 39.6875 | <NA> |
| ## 826 male | NA | 0 | 0 | | 368323 | 6.9500 | <NA> |
| ## 827 male | NA | 0 | 0 | | 1601 | 56.4958 | <NA> |
| ## 828 male | 1.00 | 0 | 2 | S.C./PARIS | 2079 | 37.0042 | <NA> |
| ## 829 male | NA | 0 | 0 | | 367228 | 7.7500 | <NA> |
| ## 830 female | 62.00 | 0 | 0 | | 113572 | 80.0000 | B28 |
| ## 831 female | 15.00 | 1 | 0 | | 2659 | 14.4542 | <NA> |
| ## 832 male | 0.83 | 1 | 1 | | 29106 | 18.7500 | <NA> |
| ## 833 male | NA | 0 | 0 | | 2671 | 7.2292 | <NA> |

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|--------|--------|-------|---|---|------------------|----------|-------------|
| ## 834 | male | 23.00 | 0 | 0 | 347468 | 7.8542 | <NA> |
| ## 835 | male | 18.00 | 0 | 0 | 2223 | 8.3000 | <NA> |
| ## 836 | female | 39.00 | 1 | 1 | PC 17756 | 83.1583 | E49 |
| ## 837 | male | 21.00 | 0 | 0 | 315097 | 8.6625 | <NA> |
| ## 838 | male | NA | 0 | 0 | 392092 | 8.0500 | <NA> |
| ## 839 | male | 32.00 | 0 | 0 | 1601 | 56.4958 | <NA> |
| ## 840 | male | NA | 0 | 0 | 11774 | 29.7000 | C47 |
| ## 841 | male | 20.00 | 0 | 0 | SOTON/O2 3101287 | 7.9250 | <NA> |
| ## 842 | male | 16.00 | 0 | 0 | S.O./P.P. 3 | 10.5000 | <NA> |
| ## 843 | female | 30.00 | 0 | 0 | 113798 | 31.0000 | <NA> |
| ## 844 | male | 34.50 | 0 | 0 | 2683 | 6.4375 | <NA> |
| ## 845 | male | 17.00 | 0 | 0 | 315090 | 8.6625 | <NA> |
| ## 846 | male | 42.00 | 0 | 0 | C.A. 5547 | 7.5500 | <NA> |
| ## 847 | male | NA | 8 | 2 | CA. 2343 | 69.5500 | <NA> |
| ## 848 | male | 35.00 | 0 | 0 | 349213 | 7.8958 | <NA> |
| ## 849 | male | 28.00 | 0 | 1 | 248727 | 33.0000 | <NA> |
| ## 850 | female | NA | 1 | 0 | 17453 | 89.1042 | C92 |
| ## 851 | male | 4.00 | 4 | 2 | 347082 | 31.2750 | <NA> |
| ## 852 | male | 74.00 | 0 | 0 | 347060 | 7.7750 | <NA> |
| ## 853 | female | 9.00 | 1 | 1 | 2678 | 15.2458 | <NA> |
| ## 854 | female | 16.00 | 0 | 1 | PC 17592 | 39.4000 | D28 |
| ## 855 | female | 44.00 | 1 | 0 | 244252 | 26.0000 | <NA> |
| ## 856 | female | 18.00 | 0 | 1 | 392091 | 9.3500 | <NA> |
| ## 857 | female | 45.00 | 1 | 1 | 36928 | 164.8667 | <NA> |
| ## 858 | male | 51.00 | 0 | 0 | 113055 | 26.5500 | E17 |
| ## 859 | female | 24.00 | 0 | 3 | 2666 | 19.2583 | <NA> |
| ## 860 | male | NA | 0 | 0 | 2629 | 7.2292 | <NA> |
| ## 861 | male | 41.00 | 2 | 0 | 350026 | 14.1083 | <NA> |
| ## 862 | male | 21.00 | 1 | 0 | 28134 | 11.5000 | <NA> |
| ## 863 | female | 48.00 | 0 | 0 | 17466 | 25.9292 | D17 |
| ## 864 | female | NA | 8 | 2 | CA. 2343 | 69.5500 | <NA> |
| ## 865 | male | 24.00 | 0 | 0 | 233866 | 13.0000 | <NA> |
| ## 866 | female | 42.00 | 0 | 0 | 236852 | 13.0000 | <NA> |
| ## 867 | female | 27.00 | 1 | 0 | SC/PARIS 2149 | 13.8583 | <NA> |
| ## 868 | male | 31.00 | 0 | 0 | PC 17590 | 50.4958 | A24 |
| ## 869 | male | NA | 0 | 0 | 345777 | 9.5000 | <NA> |
| ## 870 | male | 4.00 | 1 | 1 | 347742 | 11.1333 | <NA> |
| ## 871 | male | 26.00 | 0 | 0 | 349248 | 7.8958 | <NA> |
| ## 872 | female | 47.00 | 1 | 1 | 11751 | 52.5542 | D35 |
| ## 873 | male | 33.00 | 0 | 0 | 695 | 5.0000 | B51 B53 B55 |
| ## 874 | male | 47.00 | 0 | 0 | 345765 | 9.0000 | <NA> |
| ## 875 | female | 28.00 | 1 | 0 | P/PP 3381 | 24.0000 | <NA> |
| ## 876 | female | 15.00 | 0 | 0 | 2667 | 7.2250 | <NA> |
| ## 877 | male | 20.00 | 0 | 0 | 7534 | 9.8458 | <NA> |
| ## 878 | male | 19.00 | 0 | 0 | 349212 | 7.8958 | <NA> |
| ## 879 | male | NA | 0 | 0 | 349217 | 7.8958 | <NA> |
| ## 880 | female | 56.00 | 0 | 1 | 11767 | 83.1583 | C50 |
| ## 881 | female | 25.00 | 0 | 1 | 230433 | 26.0000 | <NA> |
| ## 882 | male | 33.00 | 0 | 0 | 349257 | 7.8958 | <NA> |
| ## 883 | female | 22.00 | 0 | 0 | 7552 | 10.5167 | <NA> |
| ## 884 | male | 28.00 | 0 | 0 | C.A./SOTON 34068 | 10.5000 | <NA> |
| ## 885 | male | 25.00 | 0 | 0 | SOTON/OQ 392076 | 7.0500 | <NA> |
| ## 886 | female | 39.00 | 0 | 5 | 382652 | 29.1250 | <NA> |
| ## 887 | male | 27.00 | 0 | 0 | 211536 | 13.0000 | <NA> |

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|--------|----------|-------|---|---|------------|---------|------|
| ## 888 | female | 19.00 | 0 | 0 | 112053 | 30.0000 | B42 |
| ## 889 | female | NA | 1 | 2 | W./C. 6607 | 23.4500 | <NA> |
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| ## 891 | male | 32.00 | 0 | 0 | 370376 | 7.7500 | <NA> |
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| ## 529 | S |
| ## 530 | S |
| ## 531 | S |
| ## 532 | C |
| ## 533 | C |
| ## 534 | C |
| ## 535 | S |

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| ## 536 | S |
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| ## 551 | C |
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| ## 553 | Q |
| ## 554 | C |
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| ## 556 | S |
| ## 557 | C |
| ## 558 | C |
| ## 559 | S |
| ## 560 | S |
| ## 561 | Q |
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| ## 563 | S |
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| ## 568 | S |
| ## 569 | C |
| ## 570 | S |
| ## 571 | S |
| ## 572 | S |
| ## 573 | S |
| ## 574 | Q |
| ## 575 | S |
| ## 576 | S |
| ## 577 | S |
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| ## 580 | S |
| ## 581 | S |
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| ## 583 | S |
| ## 584 | C |
| ## 585 | C |
| ## 586 | S |
| ## 587 | S |
| ## 588 | C |
| ## 589 | S |

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| ## 590 | S |
| ## 591 | S |
| ## 592 | C |
| ## 593 | S |
| ## 594 | Q |
| ## 595 | S |
| ## 596 | S |
| ## 597 | S |
| ## 598 | S |
| ## 599 | C |
| ## 600 | C |
| ## 601 | S |
| ## 602 | S |
| ## 603 | S |
| ## 604 | S |
| ## 605 | C |
| ## 606 | S |
| ## 607 | S |
| ## 608 | S |
| ## 609 | C |
| ## 610 | S |
| ## 611 | S |
| ## 612 | S |
| ## 613 | Q |
| ## 614 | Q |
| ## 615 | S |
| ## 616 | S |
| ## 617 | S |
| ## 618 | S |
| ## 619 | S |
| ## 620 | S |
| ## 621 | C |
| ## 622 | S |
| ## 623 | C |
| ## 624 | S |
| ## 625 | S |
| ## 626 | S |
| ## 627 | Q |
| ## 628 | S |
| ## 629 | S |
| ## 630 | Q |
| ## 631 | S |
| ## 632 | S |
| ## 633 | C |
| ## 634 | S |
| ## 635 | S |
| ## 636 | S |
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| ## 639 | S |
| ## 640 | S |
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| ## 644 | S |
| ## 645 | C |
| ## 646 | C |
| ## 647 | S |
| ## 648 | C |
| ## 649 | S |
| ## 650 | S |
| ## 651 | S |
| ## 652 | S |
| ## 653 | S |
| ## 654 | Q |
| ## 655 | Q |
| ## 656 | S |
| ## 657 | S |
| ## 658 | Q |
| ## 659 | S |
| ## 660 | C |
| ## 661 | S |
| ## 662 | C |
| ## 663 | S |
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| ## 665 | S |
| ## 666 | S |
| ## 667 | S |
| ## 668 | S |
| ## 669 | S |
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| ## 676 | S |
| ## 677 | S |
| ## 678 | S |
| ## 679 | S |
| ## 680 | C |
| ## 681 | Q |
| ## 682 | C |
| ## 683 | S |
| ## 684 | S |
| ## 685 | S |
| ## 686 | C |
| ## 687 | S |
| ## 688 | S |
| ## 689 | S |
| ## 690 | S |
| ## 691 | S |
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| ## 693 | S |
| ## 694 | C |
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| ## 697 | S |

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| ## 698 | Q |
| ## 699 | C |
| ## 700 | S |
| ## 701 | C |
| ## 702 | S |
| ## 703 | C |
| ## 704 | Q |
| ## 705 | S |
| ## 706 | S |
| ## 707 | S |
| ## 708 | S |
| ## 709 | S |
| ## 710 | C |
| ## 711 | C |
| ## 712 | S |
| ## 713 | S |
| ## 714 | S |
| ## 715 | S |
| ## 716 | S |
| ## 717 | C |
| ## 718 | S |
| ## 719 | Q |
| ## 720 | S |
| ## 721 | S |
| ## 722 | S |
| ## 723 | S |
| ## 724 | S |
| ## 725 | S |
| ## 726 | S |
| ## 727 | S |
| ## 728 | Q |
| ## 729 | S |
| ## 730 | S |
| ## 731 | S |
| ## 732 | C |
| ## 733 | S |
| ## 734 | S |
| ## 735 | S |
| ## 736 | S |
| ## 737 | S |
| ## 738 | C |
| ## 739 | S |
| ## 740 | S |
| ## 741 | S |
| ## 742 | S |
| ## 743 | C |
| ## 744 | S |
| ## 745 | S |
| ## 746 | S |
| ## 747 | S |
| ## 748 | S |
| ## 749 | S |
| ## 750 | Q |
| ## 751 | S |

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| ## 752 | S |
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| ## 756 | S |
| ## 757 | S |
| ## 758 | S |
| ## 759 | S |
| ## 760 | S |
| ## 761 | S |
| ## 762 | S |
| ## 763 | C |
| ## 764 | S |
| ## 765 | S |
| ## 766 | S |
| ## 767 | C |
| ## 768 | Q |
| ## 769 | Q |
| ## 770 | S |
| ## 771 | S |
| ## 772 | S |
| ## 773 | S |
| ## 774 | C |
| ## 775 | S |
| ## 776 | S |
| ## 777 | Q |
| ## 778 | S |
| ## 779 | Q |
| ## 780 | S |
| ## 781 | C |
| ## 782 | S |
| ## 783 | S |
| ## 784 | S |
| ## 785 | S |
| ## 786 | S |
| ## 787 | S |
| ## 788 | Q |
| ## 789 | S |
| ## 790 | C |
| ## 791 | Q |
| ## 792 | S |
| ## 793 | S |
| ## 794 | C |
| ## 795 | S |
| ## 796 | S |
| ## 797 | S |
| ## 798 | S |
| ## 799 | C |
| ## 800 | S |
| ## 801 | S |
| ## 802 | S |
| ## 803 | S |
| ## 804 | C |
| ## 805 | S |

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| ## 806 | S |
| ## 807 | S |
| ## 808 | S |
| ## 809 | S |
| ## 810 | S |
| ## 811 | S |
| ## 812 | S |
| ## 813 | S |
| ## 814 | S |
| ## 815 | S |
| ## 816 | S |
| ## 817 | S |
| ## 818 | C |
| ## 819 | S |
| ## 820 | S |
| ## 821 | S |
| ## 822 | S |
| ## 823 | S |
| ## 824 | S |
| ## 825 | S |
| ## 826 | Q |
| ## 827 | S |
| ## 828 | C |
| ## 829 | Q |
| ## 830 | <NA> |
| ## 831 | C |
| ## 832 | S |
| ## 833 | C |
| ## 834 | S |
| ## 835 | S |
| ## 836 | C |
| ## 837 | S |
| ## 838 | S |
| ## 839 | S |
| ## 840 | C |
| ## 841 | S |
| ## 842 | S |
| ## 843 | C |
| ## 844 | C |
| ## 845 | S |
| ## 846 | S |
| ## 847 | S |
| ## 848 | C |
| ## 849 | S |
| ## 850 | C |
| ## 851 | S |
| ## 852 | S |
| ## 853 | C |
| ## 854 | S |
| ## 855 | S |
| ## 856 | S |
| ## 857 | S |
| ## 858 | S |
| ## 859 | C |

```
## 860      C
## 861      S
## 862      S
## 863      S
## 864      S
## 865      S
## 866      S
## 867      C
## 868      S
## 869      S
## 870      S
## 871      S
## 872      S
## 873      S
## 874      S
## 875      C
## 876      C
## 877      S
## 878      S
## 879      S
## 880      C
## 881      S
## 882      S
## 883      S
## 884      S
## 885      S
## 886      Q
## 887      S
## 888      S
## 889      S
## 890      C
## 891      Q
```

```
# check whether "Yes" is the first level
levels(titanic$survived)
```

```
## [1] "Yes" "No"
```

Question 1

Split the data, stratifying on the outcome variable, `survived`. You should choose the proportions to split the data into. Verify that the training and testing data sets have the appropriate number of observations.

```
# Split the data, stratifying on the outcome variable, `survived.`
titanic_split <- initial_split(titanic, prop = 0.80,
                               strata = survived)
titanic_train <- training(titanic_split)
titanic_test  <- testing(titanic_split)

# Verify that the training and testing data sets have the appropriate number of observations.
dim(titanic_train) # verify the training data sets
```

```
## [1] 712  12
```

```
dim(titanic_test) # Verify the testing data sets
```

```
## [1] 179  12
```

- Each dataset has approximately the right number of observations;
- For the training data set, 712 is almost exactly 80% of the full data set, which contains 891 observations. So, the training data set has approximately the right number of observations.
- For the testing data set, 179 is almost exactly 20% of the full data set, which contains 891 observations. So, the testing data set has approximately the right number of observations.

Question 2

Fold the **training** data. Use k -fold cross-validation, with $k = 10$.

```
titanic_folds <- vfold_cv(titanic_train, v = 10)
titanic_folds
```

```
## # 10-fold cross-validation
## # A tibble: 10 x 2
##   splits      id
##   <list>    <chr>
## 1 <split [640/72]> Fold01
## 2 <split [640/72]> Fold02
## 3 <split [641/71]> Fold03
## 4 <split [641/71]> Fold04
## 5 <split [641/71]> Fold05
## 6 <split [641/71]> Fold06
## 7 <split [641/71]> Fold07
## 8 <split [641/71]> Fold08
## 9 <split [641/71]> Fold09
## 10 <split [641/71]> Fold10
```

Question 3

In your own words, explain what we are doing in Question 2. What is k -fold cross-validation? Why should we use it, rather than simply fitting and testing models on the entire training set? If we **did** use the entire training set, what resampling method would that be?

Answer

- 1. In Question 2, we are randomly dividing the training data into 10 groups (or folds) of (roughly) equal sizes.
- 2. According to the textbook, k -fold cross-validation is an approach that involves randomly dividing the set of observations into k groups, or folds, of approximately equal size. The first fold is treated as a validation set, and the method is fit on the remaining $k - 1$ folds. The mean squared error, MSE_1 , is then computed on the observations in the held-out fold. This procedure is repeated k times; each time, a different group of observations is treated as a validation set. This process results in k estimates of the test error, $MSE_1, MSE_2, \dots, MSE_k$. The k -fold CV estimate is computed by averaging these values. (Page 203)
- 3. According to the TA, if we simply fit and test models on the entire training set, it may cause overfitting. To avoid causing overfitting, we should use k -fold cross-validation.
- 4. Bootstrap

Question 4

Set up workflows for 3 models:

1. A logistic regression with the **glm** engine;
2. A linear discriminant analysis with the **MASS** engine;

3. A quadratic discriminant analysis with the MASS engine.

How many models, total, across all folds, will you be fitting to the data? To answer, think about how many folds there are, and how many models you'll fit to each fold.

```
# Create a recipe for this dataset **identical** to the recipe you used in Homework 3.
```

```
titanic_recipe <- recipe(survived ~ pclass + sex + age + sib_sp + parch + fare,  
                          data = titanic_train) %>%
```

```
step_impute_linear(age) %>%
```

```
step_dummy(all_nominal_predictors()) %>%
```

```
step_interact(terms = ~ starts_with('sex'):fare) %>%
```

```
step_interact(terms = ~ age:fare)
```

```
# 1. A logistic regression with the `glm` engine;
```

```
log_reg <- logistic_reg() %>%
```

```
  set_engine("glm") %>%
```

```
  set_mode("classification")
```

```
log_wkflow <- workflow() %>%
```

```
  add_model(log_reg) %>%
```

```
  add_recipe(titanic_recipe)
```

```
# log_fit <- fit(log_wkflow, titanic_train)
```

```
# 2. A linear discriminant analysis with the `MASS` engine;
```

```
lda_mod <- discrim_linear() %>%
```

```
  set_mode("classification") %>%
```

```
  set_engine("MASS")
```

```
lda_wkflow <- workflow() %>%
```

```
  add_model(lda_mod) %>%
```

```
  add_recipe(titanic_recipe)
```

```
# lda_fit <- fit(lda_wkflow, titanic_train)
```

```
# 3. A quadratic discriminant analysis with the `MASS` engine.
```

```
qda_mod <- discrim_quad() %>%
```

```
  set_mode("classification") %>%
```

```
  set_engine("MASS")
```

```
qda_wkflow <- workflow() %>%
```

```
  add_model(qda_mod) %>%
```

```
  add_recipe(titanic_recipe)
```

```
# qda_fit <- fit(qda_wkflow, titanic_train)
```

How many models, total, across all folds, will you be fitting to the data?

- Answer: Since we have 3 different types of models for all 10 folds, then we will fit 30 models in total to the data.

Question 5

Fit each of the models created in Question 4 to the folded data.

IMPORTANT: Some models may take a while to run – anywhere from 3 to 10 minutes. You should NOT re-run these models each time you knit. Instead, run them once, using an R script, and store your results;

look into the use of loading and saving. You should still include the code to run them when you knit, but set `eval = FALSE` in the code chunks.

- how can we fit our model to the flooded data ?
- do we need to use `keep_pred <- control_resamples(save_pred = TRUE, save_workflow = TRUE)`

```
log_fit <- fit_resamples(log_wf, titanic_folds)
```

```
lda_fit <- fit_resamples(lda_wf, titanic_folds)
```

```
qda_fit <- fit_resamples(qda_wf, titanic_folds)
```

Question 6

Use `collect_metrics()` to print the mean and standard errors of the performance metric *accuracy* across all folds for each of the 3 models.

Decide which of the 3 fitted models has performed the best. Explain why. (Note: You should consider both the mean accuracy and its standard error.)

```
collect_metrics(log_fit)
```

```
## # A tibble: 2 x 6
##   .metric .estimator mean     n std_err .config
##   <chr>   <chr>     <dbl> <int>   <dbl> <chr>
## 1 accuracy binary    0.806   10  0.0195 Preprocessor1_Model1
## 2 roc_auc  binary    0.850   10  0.0188 Preprocessor1_Model1
```

```
collect_metrics(lda_fit)
```

```
## # A tibble: 2 x 6
##   .metric .estimator mean     n std_err .config
##   <chr>   <chr>     <dbl> <int>   <dbl> <chr>
## 1 accuracy binary    0.798   10  0.0193 Preprocessor1_Model1
## 2 roc_auc  binary    0.852   10  0.0181 Preprocessor1_Model1
```

```
collect_metrics(qda_fit)
```

```
## # A tibble: 2 x 6
##   .metric .estimator mean     n std_err .config
##   <chr>   <chr>     <dbl> <int>   <dbl> <chr>
## 1 accuracy binary    0.785   10  0.0180 Preprocessor1_Model1
## 2 roc_auc  binary    0.845   10  0.0223 Preprocessor1_Model1
```

Decide which of the 3 fitted models has performed the best. Explain why. (Note: You should consider both the mean accuracy and its standard error.)

- By comparing these three models, we can find that the logistic regression have the highest mean accuracy and lowest standard error. So, we can conclude that the logistic regression has performed the best.

Question 7

Now that you've chosen a model, fit your chosen model to the entire training dataset (not to the folds).

```
lm_fit <- fit(log_wf, titanic_train)
```

Question 8

Finally, with your fitted model, use `predict()`, `bind_cols()`, and `accuracy()` to assess your model's performance on the testing data!

Compare your model's testing accuracy to its average accuracy across folds. Describe what you see.

```
# 1. use `predict()`, `bind_cols()`, and `accuracy()` to assess your model's performance  
# on the testing data!  
log_fit_test<- fit(lm_fit, titanic_test)  
log_acc <- predict(log_fit_test, new_data = titanic_test, type = "class") %>%  
  bind_cols(titanic_test %>% select(survived)) %>%  
  accuracy(truth = survived, estimate = .pred_class)  
log_acc # it tells us the model's testing accuracy
```

```
## # A tibble: 1 x 3  
##   .metric .estimator .estimate  
##   <chr>    <chr>        <dbl>  
## 1 accuracy binary      0.804
```

```
# Recall, the model's average accuracy across folds  
collect_metrics(log_fit)
```

```
## # A tibble: 2 x 6  
##   .metric .estimator mean      n std_err .config  
##   <chr>    <chr>    <dbl> <int>   <dbl> <chr>  
## 1 accuracy binary    0.806   10  0.0195 Preprocessor1_Model1  
## 2 roc_auc  binary    0.850   10  0.0188 Preprocessor1_Model1
```

- My model's testing accuracy is 0.8044693
- My model's average accuracy across folds is 0.8119131
- We can see that the model's testing accuracy is less than the model's average accuracy across folds.