

tp Aprendizaje automático

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Librerías

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.3.1 --
```

```
## v ggplot2 3.3.3    v purrr  0.3.4
## v tibble  3.1.1    v dplyr  1.0.5
## v tidyr   1.1.3    v stringr 1.4.0
## v readr   1.4.0    v forcats 0.5.1
```

```
## Warning: package 'ggplot2' was built under R version 4.0.5
```

```
## Warning: package 'tidyr' was built under R version 4.0.5
```

```
## Warning: package 'dplyr' was built under R version 4.0.5
```

```
## Warning: package 'forcats' was built under R version 4.0.5
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

```
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(naniar)
```

```
library(kableExtra)
```

```
## Warning: package 'kableExtra' was built under R version 4.0.5
```

```
##
```

```
## Attaching package: 'kableExtra'
```

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

```
##
```

```
##      group_rows
```

importamos datos

```
load("input/colisiones.RData")
```

Mostramos una muestra aleatoria de los datos del DF de colisiones

```
colisiones %>% head() %>% kable()
```

VAR_OBJETIVO	ANT_VEHICULO	SEXO_TR	PROVINCIA	EDAD_CONDUCTOR	ANT_CARNET	PU
0	3	M	0	24	2	
0	1	H	1	56	35	
0	8	H	0	42	23	
0	0	M	1	21	3	
0	5	H	1	23	4	
0	4	H	1	21	3	