

# LAB 36 (MD)

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## HISTOGRAMAS EN R

Instalando paquete con los datos

```
install.packages("gapminder")
```

```
install.packages("ggplot2")
```

Cargar librería ggplot2 y gapminder

```
library(ggplot2)
library(gapminder)
```

```
## Warning: package 'gapminder' was built under R version 3.5.3
```

Cargando datos a entorno

```
data("gapminder")
```

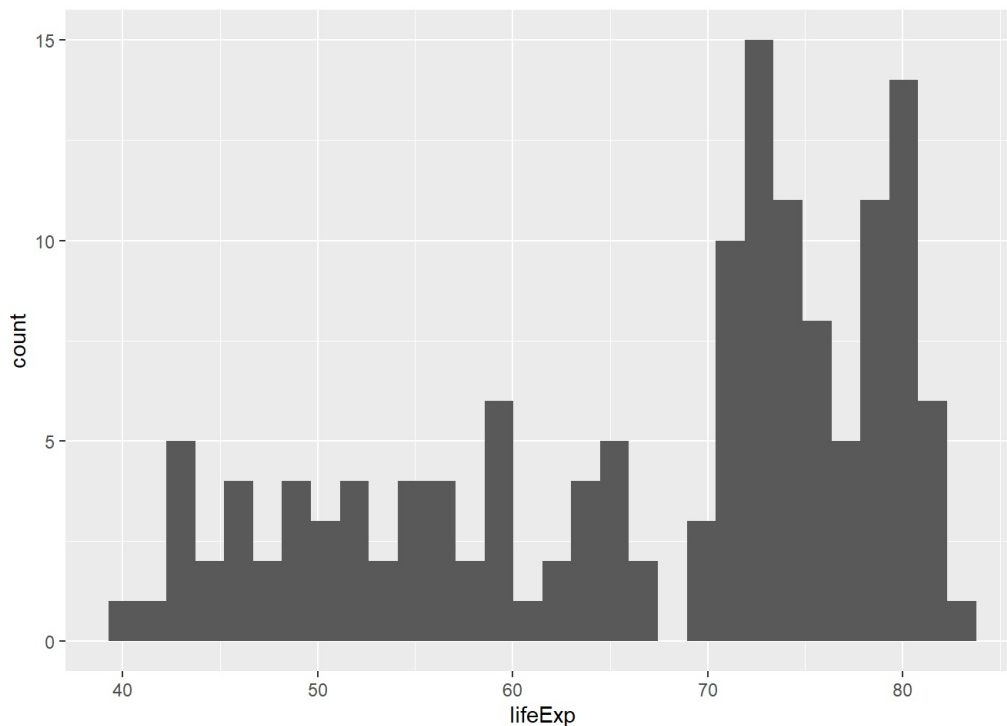
Filtrando por año 2007

```
gapminder2007 <- gapminder[gapminder$year == '2007', ]
```

Hacer un histograma en ggplot2

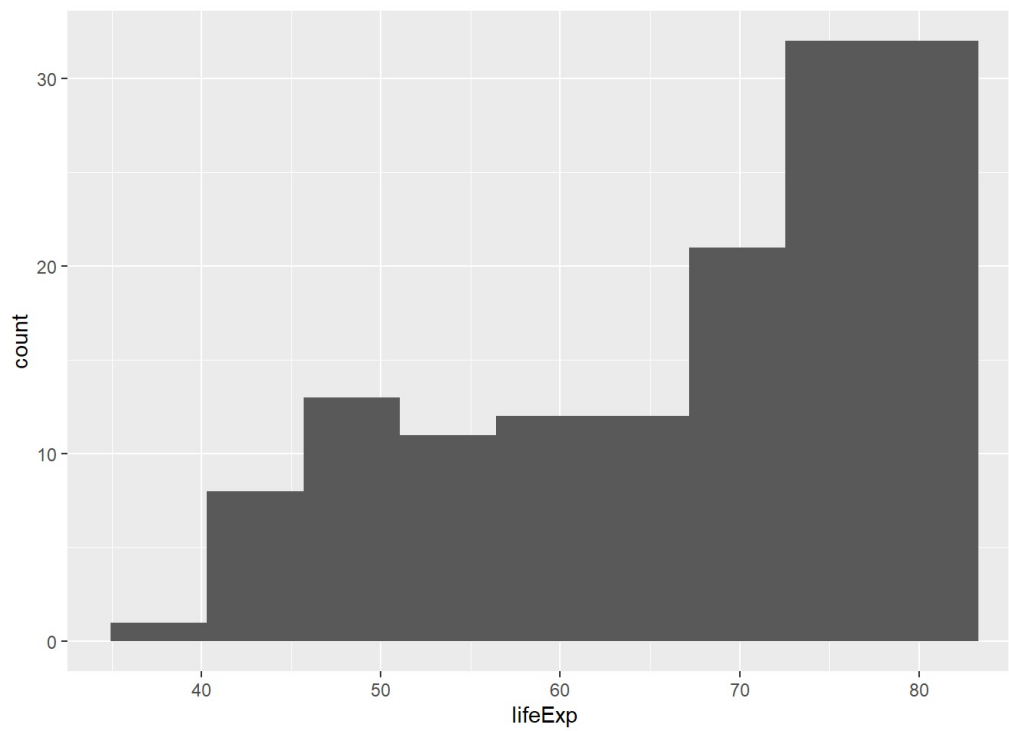
```
ggplot(data = gapminder2007,
       mapping = aes(x = lifeExp)) +
  geom_histogram()
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



Hacer un histograma en ggplot2 con 9 intervalos (bins)

```
ggplot(data = gapminder2007,
       mapping = aes(x = lifeExp)) +
  geom_histogram(bins = 9)
```



Haciendo más cosas interesantes

```
ggplot(data = gapminder2007,
       mapping = aes(x = lifeExp,
                     fill = factor(continent))) +
  geom_histogram(bins = 9)
```

