

# Histograma lab 36

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#instalando paquete con los datos #install.packages("gapminder") #install.packages("ggplot2") # Grafica de lineas en R

Cargar libreria ggplot2 y gapminder

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

Cargando datos a entorno

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

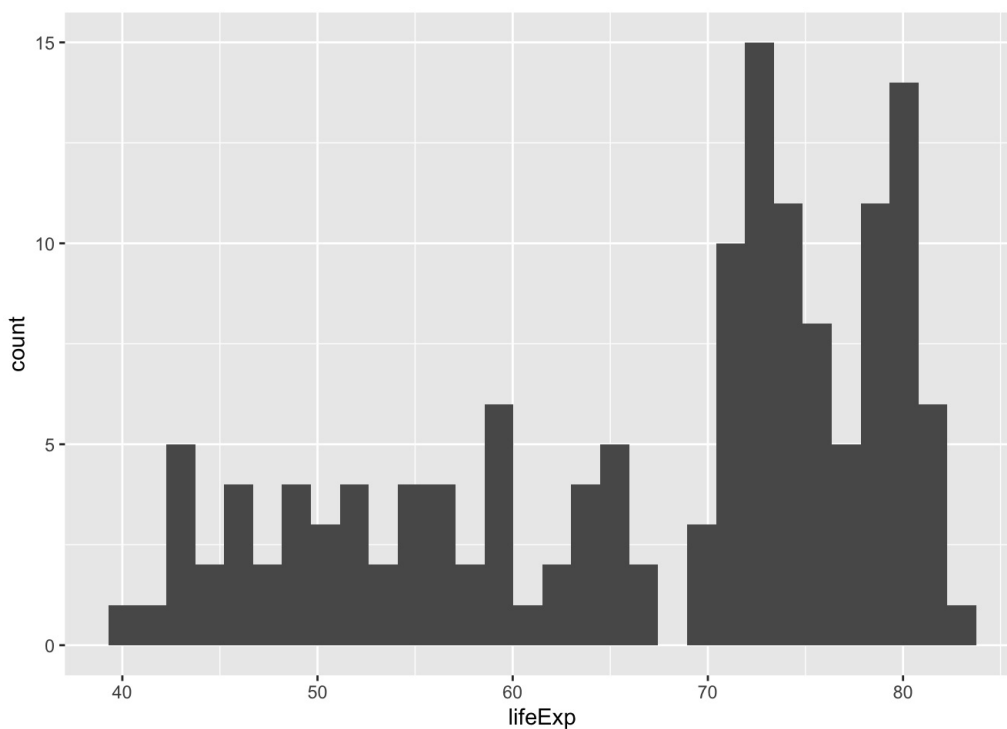
Filtrando por año 2007

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

Hacer un histograma en ggplot2

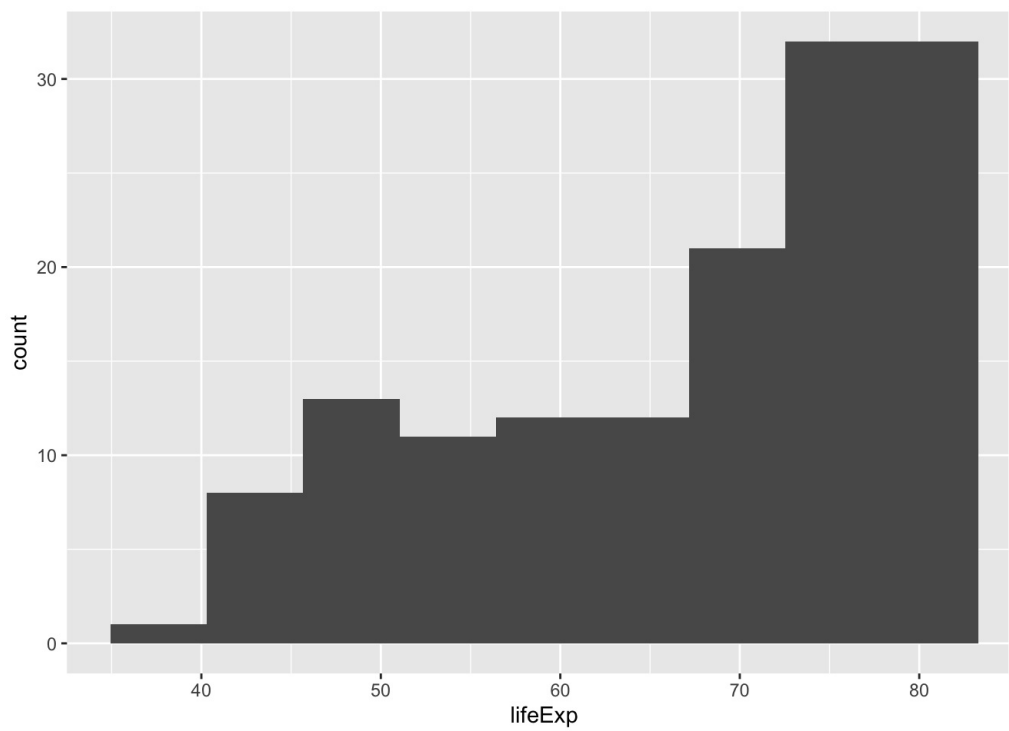
```
ggplot(data = gapminder2007,
       mapping = aes(x = lifeExp)) +
  geom_histogram()
```

```
## `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)
```

