

Laboratorio48-MD

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Laboratorio 48- Histograma con ggplot2

Instalar paqueterias `install.packages("gapminder")` `install.packages("ggplot2")`

Llamar la librerias

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

Cargar los datos al entorno

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

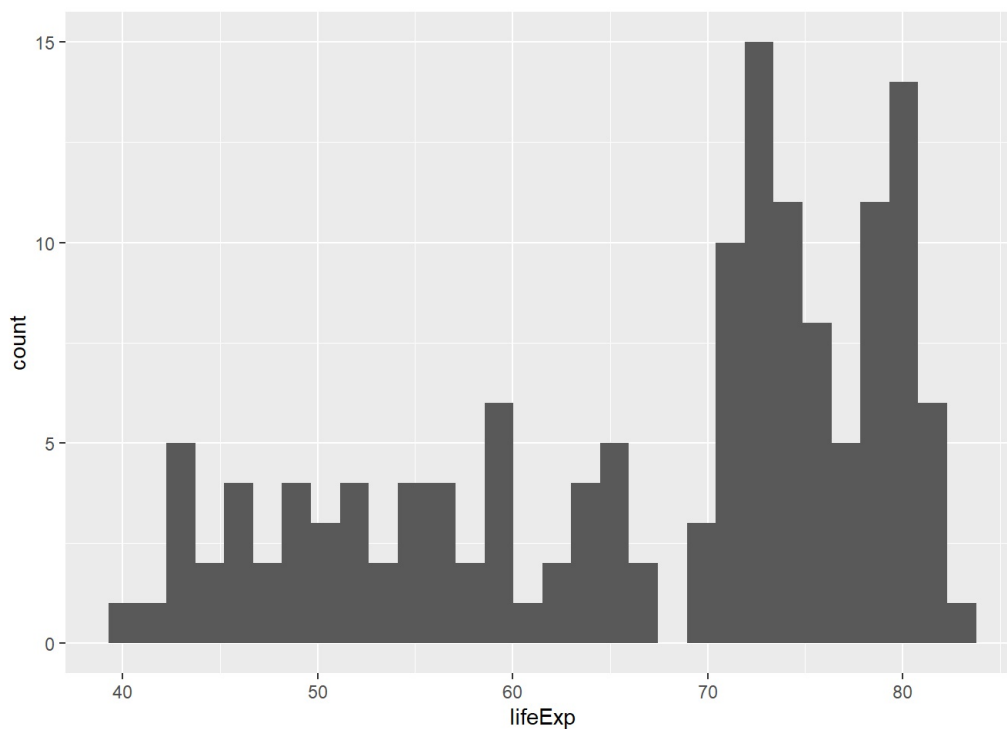
Filtrado por año 2007

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

Crear un histograma en ggplot2

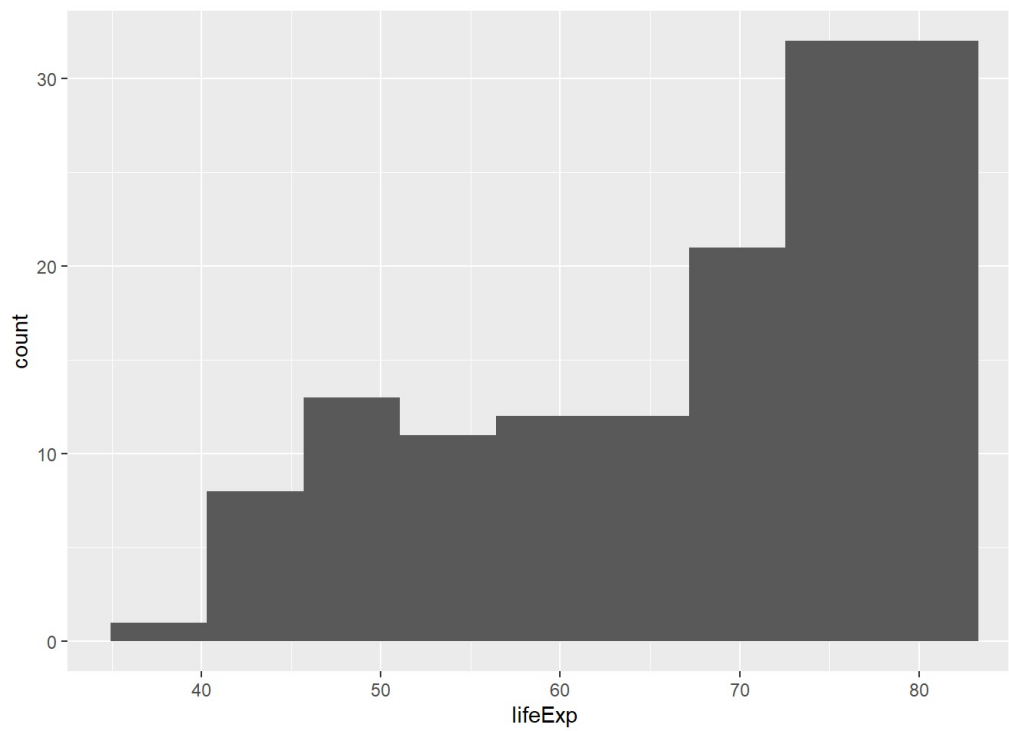
```
ggplot(data = gapminder2007,
       mapping = aes(x= lifeExp))+
  geom_histogram()
```

```
## `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)
```



Colorear por continente el histograma anterior

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

