

# Apunte de ejemplo

Pachá

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## 1. Capítulo 1

### 1.1. Paquetes

```
library(datasauRus)
library(ggplot2)
library(dplyr)
```

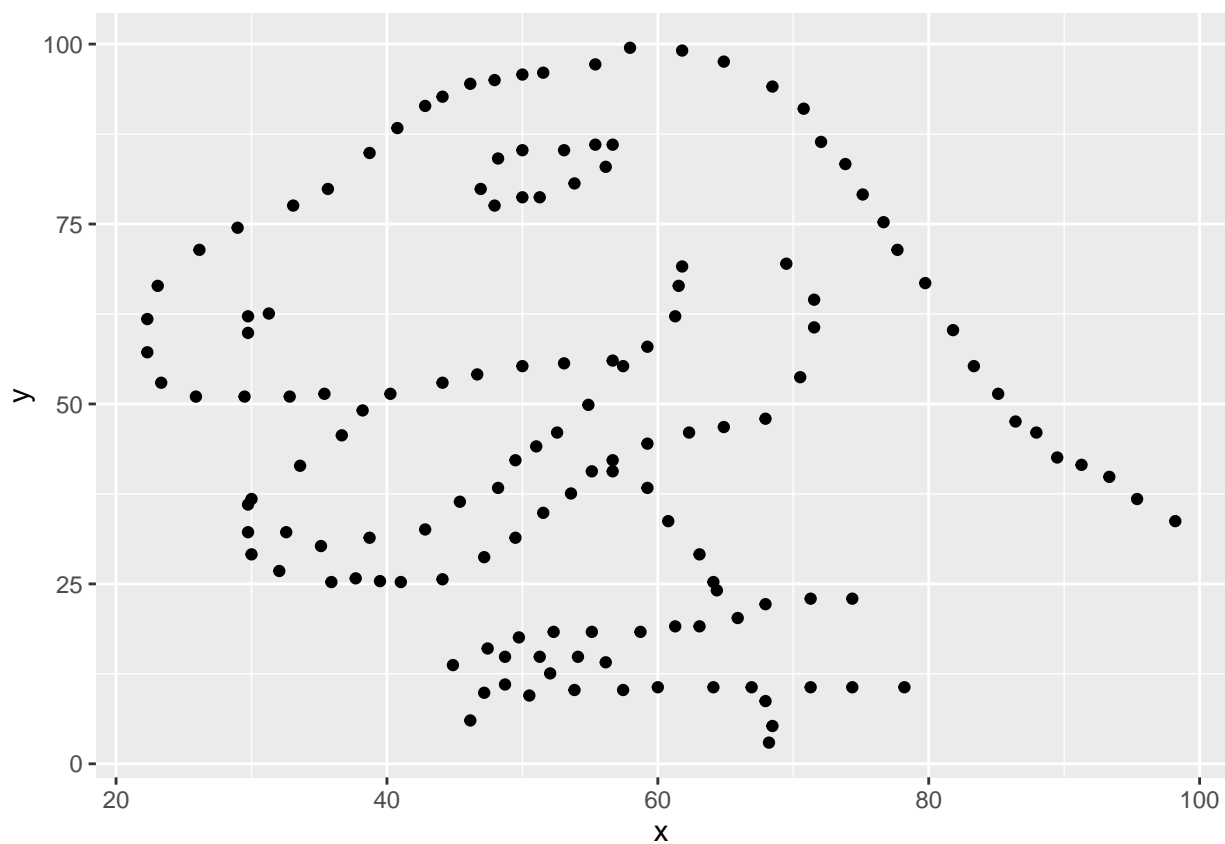
```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

### 1.2. Gráfico

```
datasaurus_dozen %>%
  filter(dataset == "dino") %>%
  ggplot() +
  geom_point(aes(x, y))
```



### 1.3. Atajos latex

Sea  $f : A \subseteq \mathbb{R}^n \rightarrow \mathbb{R}$  bla bla

1.  $\frac{\partial f}{\partial x}$
2.  $\frac{\partial f}{\partial x}, \frac{\partial f}{\partial y}$
3.  $\frac{\partial f}{\partial x_i}, \frac{\partial f}{\partial x_j}$
4.  $\frac{\partial^2 f}{\partial x^2}, \frac{\partial^2 f}{\partial y^2}$