

A world map with countries colored in purple and light gray. A red heart is located in Peru. The text "datos (EDA" is in the top right, and "Msc" is in the bottom right.

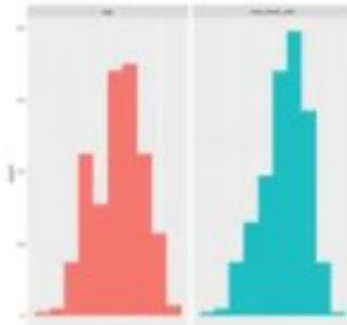
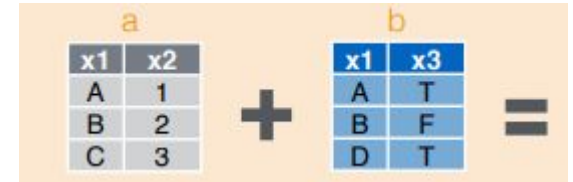
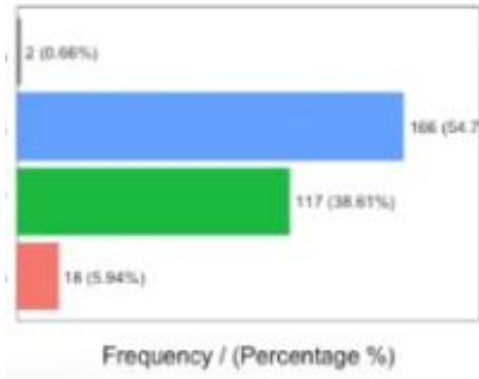


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# Pre Requisitos

- Pre requisitos:
  - Leer la página Web de Introducción del libro:  
<https://es.r4ds.hadley.nz/introducci%C3%B3n.html>
  - Instalar R-base
  - Instalar R-Studio
  - Instalar Tidyverse
  - Instalar paquetes de datos
  - Instalar otros paquetes
  - Instalar dplyr
  - [Todo lo que esté en la página Web de Introducción...](#)

# ¿Qué es el EDA?



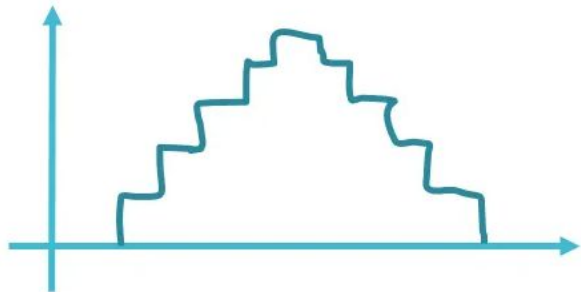
```
## age
##      n missing distinct   Info  Mean   Std
##  385      0      41    8.989  54.44  18.1
##    25    38    75    30    35
##    60    56    61    66    68
##
## Lowest : 29 34 35 37 38, Highest: 76 77 74 76 77
##
## sex, heart, race
##      n missing distinct   Info  Mean   Std
##  385      0      95    1.000  140.5  25.73  1
##    25    38    75    30    35
##   133.5  133.9  166.6  176.5  181.9
##
## Lowest : 71 88 89 95 96, Highest: 129 132 134 135 182
##
## hwt
##      n missing distinct
##  385      0      1
##
## hwt
##      n missing distinct
```

# Variable, valor, observación, datos tabulares

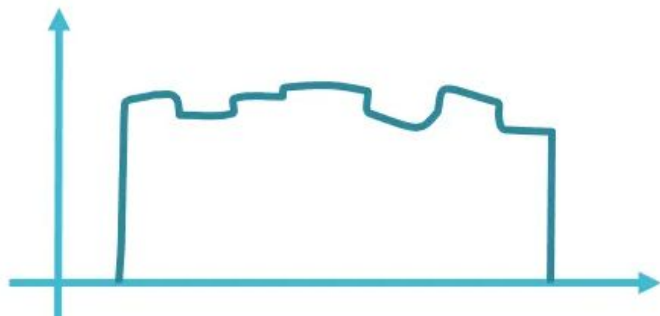
	precio	quilate	corte	color	claridad	profundidad	tabla	x	y	z
1	326	0.23	Ideal	E	SI2	61.5	55.0	3.95	3.98	2.43
2	326	0.21	Premium	E	SI1	59.8	61.0	3.89	3.84	2.31
3	327	0.23	Bueno	E	VS1	56.9	65.0	4.05	4.07	2.31
4	334	0.29	Premium	I	VS2	62.4	58.0	4.20	4.23	2.63
5	335	0.31	Bueno	J	SI2	63.3	58.0	4.34	4.35	2.75
6	336	0.24	Muy bueno	J	VVS2	62.8	57.0	3.94	3.96	2.48
7	336	0.24	Muy bueno	I	VVS1	62.3	57.0	3.95	3.98	2.47
8	337	0.26	Muy bueno	H	SI1	61.9	55.0	4.07	4.11	2.53
9	337	0.22	Regular	E	VS2	65.1	61.0	3.87	3.78	2.49

# Variación (Histogramas)

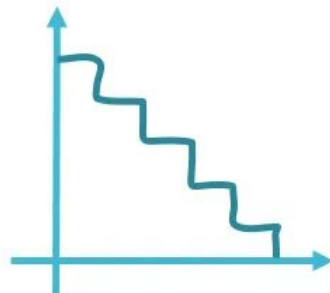
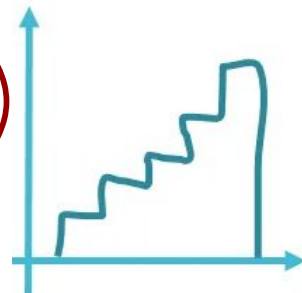
Centradas



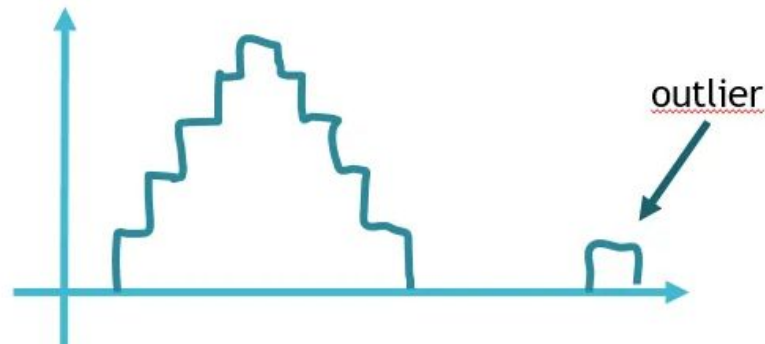
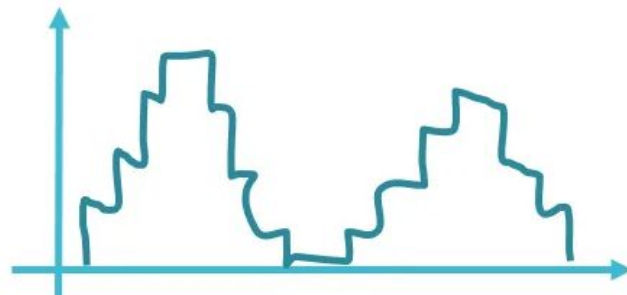
Uniformes



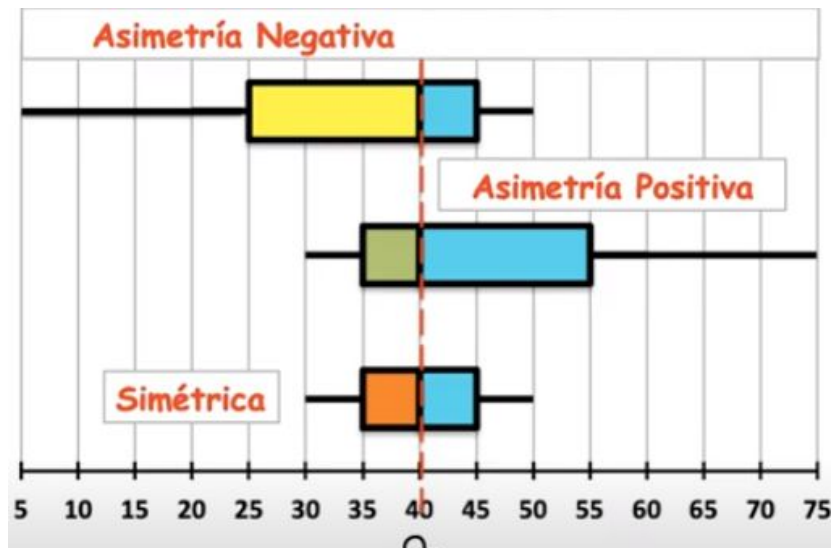
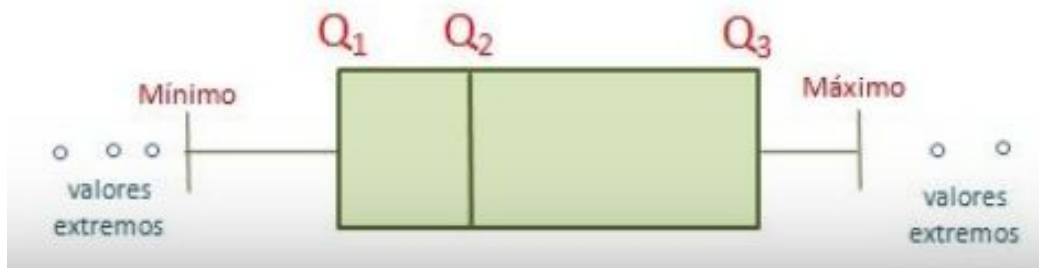
Crecimientos o caídas



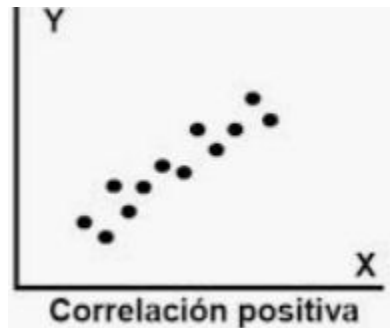
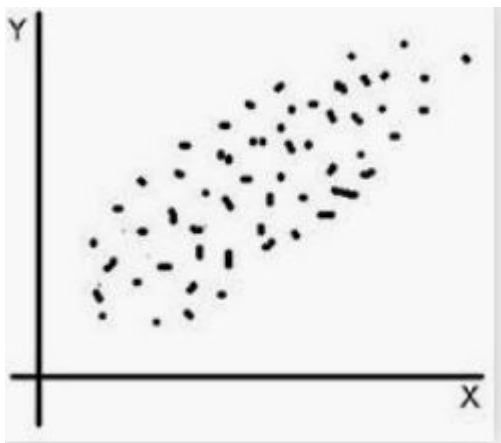
Bimodales



# Variación (Boxplot)



# Covariación



Laboratorio