

# Ejercicio - MAC

HCGJ.

FECHA / DATE  
15/08/22

$$\text{Mes 1} - 48 = 1,559.228 + 526.3 = 2,085.528 / 60$$

|       |      |
|-------|------|
| 49    | 41.2 |
| 50    | 43.5 |
| 51    | 42.2 |
| 52    | 45.3 |
| 53    | 43.5 |
| 54    | 41.3 |
| 55    | 43.5 |
| 56    | 46.7 |
| 57    | 43.5 |
| 58    | 45.6 |
| 59    | 47.7 |
| 60    | 42.3 |
| 526.3 |      |

Media. 34.7588

Rango

$$49.079 - 10.124 = \underline{38.955}$$

Varianza

$$\sigma^2 = \frac{(41.2 - 34.7588)^2 + (43.5 - 34.7588)^2 + (42.2 - 34.7588)^2 + (45.3 - 34.7588)^2 + (43.5 - 34.7588)^2 + \dots}{60}$$

$$\begin{aligned} \sigma^2 = & 91.9336 + 497.9057 + 62.0955 + 129.7959 \\ & + 59.3701 + 371.6721 + 174.1355 + 535.1727 + \\ & 22.4411 + 21.5593 + 167.4488 + 91.3210 \\ & + 26.8096 + 91.4165 + 0.2582 + 606.8734 \\ & + 76.7586 + 70.5398 + 231.7945 + 16.0304 \\ & + 6.5957 + 388.2238 + 0.7083 + 27.6760 \\ & + 129.4407 + 280.6228 + 2.4970 + 49.8831 \\ & + 160.1288 + 165.8223 + 189.4104 + 208.6681 \\ & + 34.9186 + 124.8404 + 32.4353 + 129.34 \\ & 97 + 0.0871 + 522.2505 + 149.4946 + 68.66 \\ & 11 + 106.4034 + 333.2012 + 85.0980 + 9.43 \\ & 84 + 25.0180 + 9.0372 + 156.7955 + 14. \\ & 7625 + 41.4891 + 76.4086 + 55.3710 + \\ & 111.1169 + 76.4086 + 42.7873 + 76.4086 \\ & + 142.5923 + 76.4086 + 117.5316 + 167. \\ & 4747 + 56.8697 \end{aligned}$$

60

$$\sigma^2 = \frac{7734.562}{60} = \underline{128.9093}$$

Desviación Típica

$$\sigma = \sqrt{128.9093} = \underline{11.3538}$$

Moda 43.5



Coefficiente de Asimetría de Pearson.

$$CAp = \frac{34.7588 - 43.5}{11.3538}$$

$$CAp = \frac{-8.7412}{11.3538} = \underline{-0.7698}$$