

Instituto Privado Mixto
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Madelin
MO

Profesora
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5to.
Perito en Admo.

2027

Calcule la $\bar{x}$, s_y y V de las siguiente tablas

x_i	f_i
15	60
16	160
17	238
18	126
19	38
37	622

$$\bar{x} = \frac{\sum f_i x_i}{N} =$$

$$\bar{x} = \frac{622}{37} = 16.81$$

Mo Naderin

Puntos obtenidos en legislación Fiscal

X	f	fx	d = x-x̄	f d	(x-x̄) ²	f(x-x̄) ²
65.5	5	327.5	17.5	87.5	306.25	1,531.25
75.5	10	755	7.5	75	56.25	562.25
85.5	15	1,282.5	2.5	37.5	6.25	31.25
95.5	10	955	12.5	125	156.25	1,562.5
	40	3,320		325		3,687.25

$$\bar{x} = \frac{fx}{N} = \frac{3,320}{40} = 83$$

$$D.M.F|d| = \frac{325}{40}$$

$$N = 40$$

$$D.M. = 8.13$$

$$S = \sqrt{\frac{\sum f(x-\bar{x})^2}{N}}$$

$$S = \sqrt{\frac{3,687.25}{40}}$$

$$S = \sqrt{92.18}$$

$$S = \sqrt{9.60}$$

$$V = \frac{S}{\bar{x}} \times 100$$

$$V = \frac{9.60}{83}$$

$$V = 0.12 \cdot 100$$

$$V = 12\%$$

Mo Madeira

