

DANILO MARTÍNEZ- TAREA 3- BLOQUE 2- ESTADISTICA

Tarea 3 - Bloque 2 - Danilo Martínez.

X	F	Fx	$d = (x - \bar{x})$	FD	$ x - \bar{x} ^2$	$ x - \bar{x} ^3$
15	4	60	1.81	7.24	3.24	13.08
16	10	160	0.81	8.1	0.66	6.6
17	14	238	0.19	2.66	17.04	98.98
18	7	126	1.19	8.33	69.38	485.66
19	2	38	2.19	4.38	19.98	38.36

① Media Aritmética

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

② Desviación Media:

$$DM = \frac{30.41}{37} = R// 0.83$$

③ Desviación Estándar

$$s = \sqrt{\frac{642.68}{37}}$$

$$s = \sqrt{17.37}$$

$$R// 4.17$$

$$U = \frac{s}{\bar{x}} = /100$$

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$$U = \frac{4.17}{16.81} \cdot 100$$

$$U = 0.25 \cdot 100$$

U = R// 25% La media tiene bastante representatividad.

Punto obtenido en Legislación Fiscal.

L-A	Xs	F	FXs	Id x-y	Fd	x-y /2	x-y /3
61-70	65.5	5	327.5	17.5	87.5	306.25	1531.25
71-80	75.5	10	755	7.5	75	56.25	562.5
81-90	85.5	15	1282.5	2.5	37.5	6.25	93.75
91-100	95.5	10	955	12.5	125	156.25	1562.5

① Media Aritmética

$$\bar{X} = \frac{3320}{40} = R// 83$$

② Desviación Media.

$$DM = \frac{325}{40} = R// 8.13$$



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③ Desviación Estándar

$$s\sqrt{\frac{3.750}{40}}$$

$$s\sqrt{93.75}$$

$$R//9.68$$

$$V = \frac{s}{x} = 100$$

$$V = \frac{9.68}{83} = 100$$

$$V = 0.12 = 100$$

R// 12% La media es bastante representativa.



REDMI NOTE 9
AI QUAD CAMERA