

INSTITUTO PRIVADO RAFAEL ARÉVALO MARTÍNEZ

IPRAM



Litzy Rosita De León Ramírez

4to Perito en Admón. de Empresas

Catedra: Estadística

Catedrático: Josué Estrada

4TO BLOQUE

SEMANA No. 6

Ciclo Escolar:

2,021

Puntajes obtenidos por 30 alumnos en 1 PdHdE.
Lity De Leon **Semana #6**

5i

X	F	XS	FXS	X - $\bar{X}$	F X - $\bar{X}$	(X - $\bar{X}$) ²	F(X - $\bar{X}$) ²
45 - 49	1	47	47	28.4	28.4	806.56	806.56
50 - 54	1	52	52	23.4	23.4	547.56	547.56
55 - 59	1	57	57	18.4	18.4	338.56	338.56
60 - 64	3	62	186	13.4	40.2	179.56	538.68
65 - 69	2	67	134	8.4	16.8	70.56	141.12
70 - 74	2	72	144	3.4	6.8	11.56	27.12
75 - 79	5	77	385	1.6	8	2.56	12.8
80 - 84	4	82	328	6.6	26.4	43.56	174.24
85 - 89	5	87	435	11.6	58	134.56	672.8
90 - 94	3	92	276	16.6	49.8	275.56	826.68
	30		2262		286.4		4,116.8

$$\bar{X} = \frac{2,262}{30} = 75.4$$

$$DM = \frac{2,262}{30} = 9.55$$

$$S = \sqrt{\frac{4,116.8}{30}}$$

$$S = \sqrt{137.23}$$

$$S = 11.71$$

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

$$V = \frac{11.71}{75.4} \times 100 = 1.55\%$$

La media es
altamente
representativa