



INSTITUTO PRIVADO RAFAEL AREVÁLO
MARTÍNEZ

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ESTADISTICA

5TO ADMINISTRACIÓN DE EMPRESAS



IPRAM 2,021

Punteos Obtenidos en Legislación Fiscal

Estefany Barrera
sto Admon
#8

x	LB1	LB5	XS	f	f9	f x S	(d1 x- $\bar{x}$)	Fd	$(x-\bar{x})^2$	$f(x-\bar{x})^2$	$(x-\bar{x})^3$
40-51	39.5	51.5	45.5	7	7	45.5	28.18	28.18	794.11	794.11	22,378.08
52-63	57.5	63.5	57.5	4	5	230	16.78	64.72	267.79	1,047.16	4,235.87
64-75	63.5	75.5	69.5	22	27	7,529	4.18	91.96	77.49	384.34	73.03
76-87	74.5	87.5	87.5	7	7	38	-7.82	-86.02	67.15	872.65	-478.27
88-99	87.5	99.5	93.5	5	43	467.5	-79.82	-99.2	392.83	1964.15	-7,785.93

43 3,169.5 20.9 -0.26

4,862.41

$f(x-\bar{x})^3$	$(x-\bar{x})^4$	$f(x-\bar{x})^4$	$(x-\bar{x})^5$	$f(x-\bar{x})^5$
22,378.08	630,614.50	630,674.50	17,770,776.71	17,770,716.71
16,943.24	69,535.27	342,676.35	7,108,900.51	4,935,602.04
7,606.66	305.28	6,716.76	2,548.03	56,052.66
-5,260.31	3,739.62	41,735.82	-29,243.79	-327,681.69
-38,929.65	154,317.29	771,586.45	-3,058,568.77	-15,292,843.75

Estefany Ramos.

Media aritmética

$$\frac{3168.5}{43} = \text{RN } 73.68$$

Mediana

$$\frac{43}{2} = 21.5$$

$$Lvi = 63.5$$

$$N/2 = 21.5$$

$$f_{aa} = 27$$

$$f = 22$$

$$I = 12$$

$$63.5 + \left(\frac{21.5 - 27}{22} \right) 10$$

$$63.5 + \left(\frac{-5.5}{22} \right) 10$$

$$63.5 + (-0.25) 10$$

$$63.5 - 2.5$$

$$\text{RN } 66$$

Desviación media

$$\frac{Dm = 369.98}{43} = 8.60$$

Desviación Estándar

Estefany R.

$$S \sqrt{\frac{4,862.47}{43}}$$

$$S \sqrt{113.08}$$

$$P // 10.63$$

$$V = \frac{S}{x} \cdot 100$$

$$V = \frac{10.63}{73.68} \cdot 100 = V = 0.14 \cdot 10$$

P // La media es bastante representativa.

P // 14%

momentos

$$m2 = \frac{4,862.47}{43} = P // 113.08$$

$$m3 = \frac{-3,267.98}{43} = P // -75.86$$

$$m4 = \frac{7,792,729.28}{43} = P // 41,697.38$$

$$m5 = \frac{6,647,849.87}{43} = P // 54,607.16$$

Coefficientes

$$B1 = \frac{-75.86^3}{113.08^3} = \frac{-5,754.74}{1,445,963.73} = P // 0.004$$

$$B2 = \frac{41,697.38}{113.08^2} = \frac{41,697.38}{12,787.08} = P // 3.26$$

P // 3.26 La curva es mesocurtica

Estefany Piamos

$$SK = 3 \left(\frac{73.68 - 66}{10.63} \right)$$

$$3 \left(\frac{7.68}{10.63} \right)$$

$$3(0.72)$$

B11 2.16 distribución asimétrica sesgada a la derecha.