

Actividad N°. 7

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Punteos Obtenidos en Legislación fiscal.

X	f	x_5	$f(x_5)$	$d = x_5 - \bar{x}$	$f(d)$	$(x_5 - \bar{x})^2$	$f((x_5 - \bar{x})^2)$	$(x_5 - \bar{x})^3$	$f((x_5 - \bar{x})^3)$	$(x_5 - \bar{x})^4$	$f((x_5 - \bar{x})^4)$
59 - 68	4	63.5	254	-21.09	84.36	444.79	1,779.16	-9,380.58	-37,522.32	197,836.45	
69 - 78	8	73.5	588	-11.09	88.72	122.99	983.92	-1,363.94	-10,911.52	15,126.07	
79 - 88	18	83.5	1,503	-1.09	19.62	1.19	21.42	-1.30	-23.4	1.41	
89 - 98	11	93.5	1028.5	8.91	98.01	79.39	873.29	707.35	7,780.85	6302.47	
99 - 108	5	103.5	517.5	18.91	94.55	357.59	1787.95	6,761.99	33,809.95	127,869.25	
			3,891		385.26		5,445.74		-6,866.44		

$$f(x_5 - \bar{x})^4 = (x_5 - \bar{x})^5 = f(x_5 - \bar{x})^5 = \bar{x} = \frac{3,891}{40} = 84.59 \quad D.M = \frac{385.26}{40} = 8.38$$

$$M_1 = 791,345.80 - 4,172,370.81 = -16,689,483.24 \quad M_2 = \frac{5,445.74}{40} = 118.39 \quad M_3 = \frac{-6,866.44}{40} = -149.27$$

$$121,008.56 - 167,748.15 = -1,341,985.20$$

$$M_4 = \frac{1,621,053.16}{40} = 35,240.29$$

$$69,327.17 \quad 56,155.01 \quad 617,705.11$$

$$639,346.25 \quad 2,418,007.50 \quad 12,090,037.50$$

$$1,621,053.16 \quad -5,323,753.55$$

$$B_1 = \frac{M_3^2}{M_2^3}, \quad B_1 = \frac{-149.27^2}{118.39^3} = \frac{-22,281.53}{1,659,376.98} = -0.01$$

Platicúrtica

$$B_2 = \frac{M_4}{M_2^2}, \quad B_2 = \frac{35,240.29}{118.39^2} = \frac{35,240.29}{14,016.19} = 2.51$$