



**INSTITUTO PRIVADO RAFAEL AREVÁLO
MARTÍNEZ**

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ESTADISTICA

5TO ADMINISTRACIÓN DE EMPRESAS



IPRAM 2,021

Puntajes obtenidos en Economía

Fotefany Thomas #6
5to Admon

X	F	f x d = x - $\bar{x}$	f d	(x - $\bar{x}$) ²	f(x - $\bar{x}$) ²	(x - $\bar{x}$) ³	f(x - $\bar{x}$) ³	(x - $\bar{x}$) ⁴	f(x - $\bar{x}$) ⁴	(x - $\bar{x}$) ⁵	f(x - $\bar{x}$) ⁵
60	3	180	-27.67	75.07	469.59	1408.77	-10,175.99	-30,527.97	220,513.74	-4,779,532.41	-14,335,597.92
70	5	350	-77.67	58.35	136.19	680.95	-1,599.32	-7,946.60	18,547.42	-216,448.35	-1,082,247.75
80	15	1200	-7.67	25.05	2.79	41.85	-4.66	-69.90	7.78	116.70	-194.85
90	9	910	8.33	74.97	69.39	624.51	578.07	5,202.09	4,814.82	43,333.39	360,967.05
100	4	400	18.33	72.32	335.99	1343.96	6,158.68	24,634.72	112,888.54	451,854.16	2,276,997.84
2940					4,100.04		-8,707.66		1,249,282.56		-6,780,079.63

$$\bar{x} = \frac{2940}{36} = 81.67$$

$$Dm = \frac{296.7}{36} = 8.24$$

$$M2 = \frac{4,100.04}{36} = 113.89$$

$$M3 = \frac{-8,707.66}{36} = -241.98$$

$$M4 = \frac{1,249,282.56}{36} = 34,702.29$$

$$M5 = \frac{-6,780,079.63}{36} = -188,335.55$$

$$B7 = \frac{M3^2}{M2^3} = B7 = \frac{-241.98^2}{113.89^3} = \frac{-58,505.93}{7,477,259.46} = -0.04$$

$$B2 = \frac{M4}{M2^2} = B2 = \frac{34,702.29}{113.89^2} = \frac{34,702.29}{12,970.93} = 2.68$$

Platicar tica.