ACTIVIDAD 6 ESTADÍSTICA JOSIAS GUZMAN 5TO ADMON

Puntos obtenidos en Economía

X	f	fX	$d = x - \bar{x}$	$f_i d_i$	$(x-\bar{x})^2$	$f(x-\bar{x})^2$	$(x-\bar{x})^3$	$f(x-\bar{x})^3$	$(x-\bar{x})^4$	$f(x-\bar{x})^4$	$(x-\bar{x})^5$	$f(x-\bar{x})^5$
60	3	180	-21.67	65.01	469.59	1,408.77	-10,175.99	-30,527.97	220,513.94	661,541.82	-4,778,535.70	-14,335,347.92
70	5	350	-11.67	-58.35	136.19	680.95	-1,589.32	-7,946.60	18,547.42	92,737.10	-216,448.35	-1,082,241.75
80	15	1200	-1.67	-25.05	2.79	41.85	-4.66	-69.90	7.78	116.70	-12.99	-194.85
90	9	810	8.33	74.97	69.39	624.51	578.01	5,202.09	4,814.82	43,333.38	40,107.45	360,967.05
100	4	400	18.33	73.32	335.99	1,343.96	6,158.68	24,634.72	112,888.54	451,554.16	2,069,246.90	8,276,987.63
		2940				4,100.04		-8,707.66		1,249,282.56		

$\bar{x} = \frac{2,940}{36} = 81.67$

$DM = \frac{269.7}{36} = 8.24$

$\mu_2 = \frac{4,100.04}{36} = 113.89$

$\mu_3 = \frac{8,707.66}{36} = -241.88$

$\mu_4 = \frac{1,249,282.56}{36} = 34,702.29$

$\mu_5 = \frac{-6,780,079.63}{36} = -188,335.55$

$\beta_1 = \frac{\mu_3^2}{\mu_2^3} = \beta_1 = \frac{-241.88^2}{113.88^3} = \frac{-58,505.93}{1,477,259.40} = -0.04$

$\beta_2 = \frac{\mu_4}{\mu_2^2} = \beta_2 = \frac{34,702.28}{113.897^2} = \frac{34,702.29}{12,970.93} = 2.68$