

Establecimiento:
Instituto Privado Rafael
Arenal Martínez

Nombre:
Hanny Daniels Mazariegos de
León

Docente:
Josué Estrada

Grado:
5to Administración

Área:
Estadística II

Ciclo Escolar:

2021

X	F	$f \cdot x$	$f \cdot x^2$	$f \cdot x^3$	$f \cdot x - \bar{x}$	$f \cdot (x - \bar{x})^2$	$f \cdot (x - \bar{x})^3$	$f \cdot (x - \bar{x})^4$	$f \cdot (x - \bar{x})^5$
60	3	180	21.67	65.01	469.59	11378.77	10,175.99	30527.97	220,513.74
70	5	350	11.67	58.35	136.19	680.95	1,589.33	7,946.65	18,547.41
80	15	1200	1.67	25.05	2.79	41.85	4.65	69.75	7.77
90	9	810	-8.33	-74.97	69.39	624.51	-3,78.09	-520.09	4,814.82
100	4	400	-18.33	-73.32	335.99	1343.96	-6,158.67	-24,634.68	112,188.54
Σ	36	2940		835		4,076.04		8,707.94	
									451,534.16
									1,249,282.34

$(x - \bar{x})^2$	$(x - \bar{x})^3$
4,778,532.63	14,385,597.89
216,448.35	11082,241.75
194.85	194.85
-40,107.44	-360,966.94
-2,069,246.96	-8,276,987.84
	6,780,074.64

Harry
 Mazanegos
 5to Admón

Media Aritmetico

$$\frac{2,940}{34} = 81.67$$

Desviacion Media

$$PM = \frac{8.35}{34} = 0.23$$

$$M^2 = 4,076.09 = 113.23$$

$$M^3 = 8,707.6 = 241.87$$

$$M^4 = 1,249,282.36 = 34,702.28$$

$$M^5 = 6,780,079.69 = 188,333.35$$

Hanny
Moranegos
5to Admon

