



IPRAM

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ESTADÍSTICA II

Actividad #4

21/05/21



Sheyla Alvarado Actividad #4.

Edades de 37 alumnos

X	F	FX	$d = X - \bar{X}$	$(X - \bar{X})^2$	$F(X - \bar{X})^2$	$(X - \bar{X})^3$	$F(X - \bar{X})^3$	$(X - \bar{X})^4$	$F(X - \bar{X})^4$	$(X - \bar{X})^5$	$F(X - \bar{X})^5$
15	4	60	-1.81	3.28	13.12	-5.93	-23.72	10.733	42.932	-19.4264	-77.7056
16	10	160	-0.81	0.66	6.60	-0.53	-5.30	0.431	4.310	-0.3487	-3.4870
17	14	238	0.19	0.04	0.56	0.01	0.14	0.001	0.014	0.0003	0.0042
18	7	126	1.19	1.42	9.94	1.69	11.83	2.005	14.033	2.3864	16.7048
19	2	38	2.19	4.80	9.60	10.50	21	23.003	46.006	50.3750	100.7512
	37	622			39.82		3.95		107.297		36.2676

$$\bar{X} = \frac{622}{37} = 16.81$$

$$\mu_2 = \frac{39.82}{37} = 1.08$$

$$\mu_3 = \frac{3.95}{37} = 0.11$$

$$\mu_4 = \frac{107.297}{37} = 2.90$$

$$\mu_5 = \frac{36.2676}{37} = 0.98$$

Calcule los momentos de orden 4-2 hasta 4-5

21 05 21