



# INSTITUTO IPRAM

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Grado: 5TO ADMÓN

Asignatura: ESTADISTICA

AÑO: 2021

# TAREA: #5



L-A	F	Xs	fXs	d = Xs - $\bar{x}$	F/d	(Xs - $\bar{x}$ ) <sup>2</sup>	f(Xs - $\bar{x}$ ) <sup>2</sup>	(Xs - $\bar{x}$ ) <sup>3</sup>	f(Xs - $\bar{x}$ ) <sup>3</sup>	(Xs - $\bar{x}$ ) <sup>4</sup>	f(Xs - $\bar{x}$ ) <sup>4</sup>
61-70	5	65.5	327.5	-17.5	87.5	306.25	1531.25	-5.359.38	-26.796.9	93.789.66	468.945.3
71-80	10	75.5	755	-7.5	75	56.25	562.5	-427.88	-4278.8	3164.06	31640.6
81-90	15	85.5	1,282.5	2.5	37.5	6.25	93.75	15.62	234.3	39.06	585.94
91-100	10	95.5	955	12.5	125	156.25	1562.5	1953.73	19537.3	24,474.06	244,740.6
	40		3,320				3750		-17,250.7		745,372.4

$$\bar{X} = \frac{3,320}{40} = 83 \quad MK^2 = \frac{3750}{40} = 93.75 \quad MK^3 = \frac{-17,250.7}{40} = -281.25 \quad MK^4 = \frac{745,372.4}{40} = 18,632.81$$

(Xs - $\bar{x}$ ) <sup>5</sup>	f(Xs - $\bar{x}$ ) <sup>5</sup>
-7,647,308.59	-8,206,542.95
-23,730.47	-237,304.7
92.66	1464.9
305,775.78	3,057,757.8
	-5,390,624.95

$$MK^5 = \frac{5,390,624.95}{40} = 134,765.62$$

Rossy López

5to Admón

#5