

INSTITUTO PRIVADO RAFAEL ARÉVALO MARTÍNEZ

IPRAM



Litzy Rosita De León Ramírez

4to Perito en Admón. de Empresas

Catedra: Estadística

Catedrático: Josué Estrada

TAREA No.7

Ciclo Escolar:

2,021

L	A	Lvi	Lvs	X ₀	F	Fa	Fx ₀
52	-	58	51.5	58.5	55	9	495
59	-	65	58.5	65.5	62	4	248
66	-	72	65.5	72.5	69	6	414
73	-	79	72.5	79.5	76	9	684
80	-	86	79.5	86.5	83	5	415
87	-	93	86.5	93.5	90	2	180
94	-	100	93.5	100.5	97	1	97
					36		2533

$$\bar{X} = \frac{\sum fx_0}{N}$$

$$\bar{X} = \frac{2533}{36} = 70.36$$

$$M_d = L_{vi} + \left(\frac{\frac{N}{2} - f_{aa}}{f} \right) i$$

$$36 / 2 = 18$$

$$M_d = 65.5 + \left(\frac{18 - 13}{6} \right) 7$$

$$M_d = 65.5 + \left(\frac{5}{6} \right) 7$$

$$M_d = 65.5 + (0.83) 7$$

$$M_d = 65.5 + 5.81$$

$$M_d = 71.31$$

$$M_o. = L \cdot i + \left(\frac{\Delta_1}{\Delta_1 + \Delta_2} \right) i$$

$$\Delta_1 = 9 - 6 = 3$$

$$\Delta_2 = 9 - 5 = 4$$

$$M_o. = 65.5 + \left(\frac{3}{3+4} \right) 7$$

$$M_o. = 65.5 + \left(\frac{3}{4} \right) 7$$

$$M_o. = 65.5 + (0.42) 7 \quad (0.43) 7$$

$$M_o. = 65.5 + 2.94 \quad 3.01$$

$$M_o. = 68.44$$

$$68.51$$

Litzy de León
4to. Admón.