

Instituto Privado

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Nombre:

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Grado:

4to. Administración de Empresas

Catedrático:

Josue Estrada

Curso:

Estadística

Tarea #7

Vejam, j. ch. 09/06/2021

Calcular mediana aritmetica y mediana y moda.

LA	Lri	Lrs	xs	F	fa	fxs
52-58	51.5	58.5	55	9	9	495
59-65	58.5	65.5	62	4	13	248
66-72	65.5	72.5	69	6	19	414
73-79	72.5	79.5	76	9	28	684
80-86	79.5	86.5	83	5	33	415
87-93	86.5	93.5	90	2	35	180
90-100	89.5	100.5	95	1	36	95

$$\bar{x} = \frac{2531}{36} = 70$$

$$\Sigma F = 36 \quad \Sigma Fxs = 2531$$

$$Mo = 72.5 + \left(\frac{2}{3}\right)9$$

$$\Delta 1 = 9 - 6 = 3$$

$$Mo = 72.5 + (0.43)9$$

$$\Delta 2 = 9 - 5 = 4$$

$$Mo = 72.5 + \left(\frac{3}{3+4}\right)9$$

$$Mo = 72.5 + 3.87$$

$$Md = 72.5$$

$$Mo = 76.37$$

$$Md = 72.5$$

$$Md = 72.5 + \left(\frac{-1}{9}\right)9$$

$$Md = 72.5 + (-0.11)9$$

$$Md = 72.5 + -0.99$$

$$Md = 71.51$$