

Puntajes obtenidos por 45 alumnos
en un examen de Matemáticas financieras

L.A	x_0	f	$\sum x_0$	$d = (x_0 - \bar{x})$	$f d $	$(x_0 - \bar{x})^2$	$f(x_0 - \bar{x})^2$
34 - 42	38	2	76	29.8	59.6	888.04	1776.08
43 - 51	47	3	141	20.8	62.4	432.64	1297.92
52 - 60	56	8	448	11.8	94.4	139.24	1113.92
61 - 69	65	13	845	2.8	36.4	7.84	101.92
70 - 78	74	10	740	6.2	62	38.44	384.4
79 - 87	83	3	249	15.2	45.6	231.04	693.12
88 - 96	92	6	552	24.2	145.2	585.64	3513.84
$\sum f = 45$			3,051		505.6		8,881.2

$$\bar{X} = \frac{\sum f x_0}{N}$$

$$S = \sqrt{\frac{\sum f (x_0 - \bar{x})^2}{N}}$$

$$\bar{X} = \frac{3051}{45}$$

$$S = \sqrt{\frac{8,881.2}{45}}$$

$$\bar{X} = 67.8$$

$$S = \sqrt{197.36}$$

$$D.M. = \frac{\sum f |d|}{N}$$

$$S = 14.05$$

$$D.M. = \frac{505.6}{45}$$

$$D.M. = 11.24$$