

Tarea #07

Puntos obtenidos por 49 alumnos en un examen de Cálculo Mercantil

x	F	xs	Fxs	$f(x_i - \bar{x})$	$F(x_i - \bar{x})$	$(x_i - \bar{x})^2$	$F(x_i - \bar{x})^2$
60 - 69	7	64.5	64.5	78.98	78.98	360.24	360.24
70 - 79	16	74.5	1192	8.98	743.68	80.64	7290.24
80 - 89	19	84.5	1605.5	7.02	79.38	7.04	19.76
90 - 99	13	94.5	1228.5	7.02	43.26	721.44	1578.72
	49		4090.5		325.30		3248.96

$$\bar{x} = \frac{4090.5}{49} = 83.48$$

$$D.M. = \frac{325.30}{49} = 6.64$$

$$S = \sqrt{\frac{3248.96}{49}} = \sqrt{66.31} = 8.14$$

$$V = \frac{8.14}{83.48} * 100 = 9.75$$