

demana 33

Punters obtenidos por 30 alumnos en una prueba de hitor de estudios.

X	F	XS	FX	Sidi = XS - X	Fidi	(XS - X) ²	F(XS - X) ²
45 - 49	1	47	47	28.33	28.33	802.59	802.59
50 - 54	1	52	52	23.33	23.33	544.29	544.29
55 - 59	1	57	57	18.33	18.33	335.99	335.99
60 - 64	3	62	186	13.33	39.99	177.69	533.07
65 - 69	2	67	134	8.33	16.66	69.39	138.78
70 - 74	5	72	360	3.33	16.65	11.09	55.45
75 - 79	5	77	385	1.67	8.35	2.79	13.95
80 - 84	4	82	328	6.67	26.68	44.49	177.96
85 - 89	5	87	435	11.67	58.35	136.19	680.95
90 - 94	3	92	276	16.67	50.01	277.89	833.67
	30		2,260		286.68		4,116.70

$$\bar{X} = \frac{\sum FXS}{N} = \frac{2,260}{30} = 75.33$$

$$D.M = \frac{\sum Fidi}{N} = \frac{286.68}{30} = 9.56$$

$$S = \sqrt{\frac{\sum F(XS - \bar{X})^2}{N}} = \sqrt{\frac{4,116.70}{30}} = \sqrt{137.22} = 11.71$$

$$V = \frac{S}{\bar{X}} \times 100 = \frac{11.71}{75.33} \times 100 = 15.55\%$$