

WDS

Mi Universidad

Nombre del alumno/a:

Oscar Gael Figueroa
penagos

Tipo de trabajo:

Actividad de plataforma

Grupo:

Recursos Humanos

Plataforma Gad

x_i	F_i	F_i	F_r	%	$x_i - F_i$	Σx^2
5	3	3	0.05	0.5%	15	75
6	4	7	0.13	13%	24	144
8	4	11	0.20	20%	82	256
12	6	17	0.32	32%	72	864
13	2	19	0.35	35%	26	338
15	4	23	0.43	43%	60	900
16	3	26	0.49	49%	48	768
20	7	33	0.62	62%	140	2800
25	8	41	0.77	77%	200	5000
32	2	43	0.81	81%	64	2048
35	3	46	0.86	86%	105	3675
40	2	48	0.90	90%	80	3200
45	3	51	0.96	96%	135	6075
75	2	53	1	1%	156	11250
					<u>1201</u>	<u>37393</u>

$$\bar{x} = 1201 / 53 = 22.66$$

$$\text{Rango} = 5 - 75 = 70 \#$$

$$M_c = 20 \#$$

$$M_o = 25 \#$$

$$30\% = P_{30} = \frac{(30)(53)}{100} = \frac{1590}{100} = 15.9 = 15 = 8 \#$$

$$55\% = P_{55} = \frac{55(53)}{100} = \frac{2915}{100} = 29.15 = 29 = 20 \#$$

$$75\% = P_{75} = \frac{75(53)}{100} = \frac{3975}{100} = 39.75 = 39 = 20 \#$$

$$s^2 = \frac{\Sigma x_i^2 - \frac{(\Sigma x_i)^2}{n}}{n-1} \quad s^2 = \frac{37393 - \frac{27215.113}{52}}{52}$$

$$s^2 = \frac{10177.887}{52}$$

$$s^2 = \frac{37393 - \frac{(1442401)}{53}}{52}$$

$$s^2 = 195.72$$

varianza

$$s = 13.98 \text{ Desviación}$$