



NOMBRE DEL ALUMNO

SAIR HERNANDEZ MORA

MATERIA

ESTADISTICA

LIC. PSICOLOGIA

SOLY HERNANDEZ MOYA

21	30	50	20	40
30	49	25	50	49
29	46	35	48	25
20	33	49	40	33
31	39	43	43	35
28	23	20	44	20

Numero de datos de la muestra $N = 30$
Dato con valor minimo = 20
Maximo = 50

Calcule el rango = $20 - 50 = 30$

Intervalo $1 + \log_2(N) + 3.32 \log_2(N)$

$$N = 30$$

$$\text{min} = 20$$

$$\text{max} = 50$$

$$R = 30$$

$$g = 5$$

$$\text{Intervalo} = 6$$

$$C = \frac{\text{Rango}}{\text{Numero de Intervalo}}$$

$$C = \frac{30}{5} = 6$$

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Li-Ls	Xi	fi	Ti	hi	Hi	Pi	Pi
20-26	23	8	8	0.26	2.26	26	26
26-32	60	5	13	0.16	0.42	16	42
32-38	35	4	17	0.13	0.55	13	55
38-44	41	6	23	0.2	0.75	20	75
44-50	47	7	30	0.23	0.98	23	100
		30		0.99		100	

Marca de clases

$$X = \frac{Li + Ls}{2}$$

$$X_1 = \frac{20 + 26}{2}$$

$$X_1 = 23$$

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38	56	80	42	68	45
70	40	75	41	53	54
78	42	66	43	64	58
55	56	73	56	41	64
38	67	79	49	44	8

Numero de datos de la muestra $N=30$

Dato con valor minimo = 38

Maximo = 80

Calcule el rango = $80 - 38 = 42$

Intervalo $1 + \log_2(n) = 1 + 3.32 \log_2(n)$

$N=30$

Min = 38

Max = 80

$R = 42$

$g = 6$

Intervalo = 7

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$L1-L2$	X_1	n_i	F_i	h_i	H_i	P_i	P_i
38-43	41.5	10	10	0.32	0.32	32	32
45-52	48.5	1	11	0.03	0.35	3	35
52-59	55.5	7	18	0.22	0.57	22	57
59-66	62.5	3	21	0.09	0.66	9	66
66-73	69.5	5	26	0.16	0.82	16	82
73-80	76.5	5	31	0.16	0.99	16	98
		31				100	

Marca de clases

$$X_1 = L1 + L2$$

$$X_2 = \frac{38 + 45 = 83}{2}$$

$$X_1 = 41.5$$

