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encinos**

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Lic. Enfermería

Materia: Bioestadística

**Nombre del trabajo: tabla de datos  
agrupados**

Ocosingo, Chiapas a 14 de octubre del 2022

48, 15, 33, 3, 21, 19, 17, 16, 44, 25, 30, 3, 5, 9, 35  
 32, 26, 13, 14, 14, 47, 47, 29, 18, 11, 5, 19, 24, 1, 7  
 6, 25, 8, 18, 29, 1, 18, 22, 3, 22, 29, 2, 6, 10, 29  
 10, 21, 38, 41, 16, 17, 8, 40, 8, 10, 18, 7, 4, 4, 8  
 11, 3, 23, 10, 19, 21, 13, 12, 10, 4, 17, 11, 21, 9, 8  
 7, 5, 3, 22, 14, 25, 4, 11, 10, 18, 1, 28, 27, 19, 24  
 35, 9, 30, 8, 26. = 95 Datos

$k = 1 + 3.322 \log n$        $w = \frac{R}{k}$        $w = \frac{47}{7}$        $w = 6.7 \rightarrow 7$   
 $k = 1 + 3.322 \log 95$        $R = 48 - 1 = 47$   
 $k = 7.5 \rightarrow 7$

Intervalos	$F_i$	$F_r$	$FP$	$FPA$	$M_i$	$F_i \cdot M_i$	$(m_i - \bar{x})^2$	$(m_i - \bar{x})^2$	$F(m_i - \bar{x})^2$
1 - 7	21	0.22	22%	22	4	84	-13.3	176.89	3714.69
8 - 14	25	0.26	26%	48	11	275	-6.3	39.69	992.25
15 - 21	19	0.2	20%	68	18	342	0.7	0.49	9.31
22 - 28	13	0.14	14%	82	25	325	7.7	59.29	770.77
29 - 35	10	0.11	11%	93	32	320	14.7	216.09	2160.9
36 - 42	3	0.03	3%	96	39	117	21.7	470.89	1412.67
43 - 50	4	0.04	4%	100	46.5	186	29.2	852.64	3410.56
<b>Total</b>	<b>95</b>	<b>1</b>	<b>100%</b>			<b>1649</b>			<b>12471.15</b>

$\bar{x} = \frac{\sum F_i \cdot M_i}{n}$        $S^2 = \frac{\sum F_i (M_i - \bar{x})^2}{n-1}$        $V = \frac{S}{\bar{x}} \times 100$   
 $\bar{x} = \frac{1649}{95}$        $S^2 = \frac{12471.15}{94}$        $V = \frac{11.51}{17.3} \times 100$   
 $\bar{x} = 17.3$        $S^2 = 132.67$        $V = 66.57$   
 $S = 11.51$



Grafico de barra



Grafico vivo

# Gráfica de pastel

