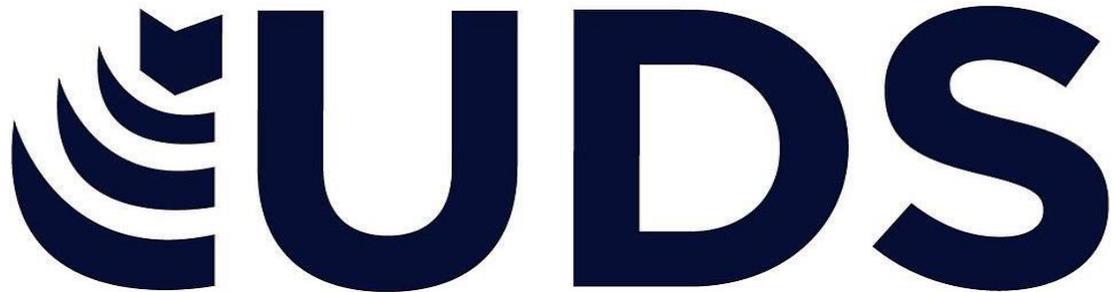**LICENCIATURA EN ENFERMERIA**

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Materia:

BIOESTADÍSTICA

Maestr@:

ABEL ESTRADA DICHI

Grado:

4ER CUATRIMESTRE

Fecha: 03/12/2

INTERVALOS	fi	fr	FP	FPA	MI	Fi Mi	MI-x̄	(MI-x̄)²
200 - 1732	13	0.32	32	32	966	12558	-3027.93	9168360.08
1733 - 3265	7	0.17	17	49	2499	17493	-1494.93	2234815.70
3266 - 4798	4	0.1	10	59	4032	16128	38.07	1449.32
4799 - 6331	7	0.17	17	76	5565	38955	1571.07	2468260.94
6332 - 7864	2	0.05	5	81	7098	14196	3104.07	9635250.56
7865 - 9400	7	0.17	17	98	8632.5	60427.5	4638.57	21516331.64
Total	40		98			159757.5		

$$C.V = \frac{S}{\bar{x}} \times 100 \qquad C.V = 71.94\%$$

$$C.V = \frac{2873.40}{3993.93} \times 100$$

$$K = 1 + 3.322 \log$$
$$K = 1 + 3.322 \log 40$$
$$K = 6.32 = 6$$

$$\omega = \frac{R}{K}$$

$$R = 9400 - 200$$
$$R = 9200$$

$$\omega = \frac{9200}{6} = 1533.33$$
$$\omega = 1533 - 1 = 1532$$

$$\bar{x} = \frac{\sum f_i M_i}{n}$$
$$\bar{x} = \frac{159757.5}{40} = 3993.93$$

$$S^2 = \frac{\sum f_i (M_i - \bar{x})^2}{n-1}$$

$$S^2 = \frac{322000837.56}{40 - 1}$$

$$S^2 = \frac{322000837.56}{39}$$

$$S = 8256431.73$$

$$S = \sqrt{S^2}$$

$$S = \sqrt{8256431.73}$$
$$S = 2873.40$$

$F_i(M_i-\bar{x})^2$
119188681.10
15643709.93
5797.29
172777826.61
19270501.12
150614321.51
322000837.56