



# ASIGNATURA: ESTADISTICA DESCRIPTIVA

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Carrera: Licenciatura en Contaduría Pública y finanzas

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Normal

$$Q_1 = 1.67 = \frac{67}{4} = 16.75 \text{ posición}$$

$$L_i = 15$$

$$L_o = 20$$

$$A = 5$$

$$F_i = 20$$

$$F_{i-1} = 8$$

$$Q_1 = 15 + 5 \left( \frac{16.75 - 8}{20 - 8} \right)$$

$$Q_1 = 15 + 5 \left( \frac{8.75}{12} \right)$$

$$Q_1 = 15 + 3.645$$

$$Q_1 = 18.645$$

$$Q_2 = 2.67 = \frac{134}{4} = 33.5 \text{ posición}$$

$$L_i = 35$$

$$L_o = 40$$

$$A = 5$$

$$F_i = 43$$

$$F_{i-1} = 33$$

$$Q_2 = 35 + 5 \left( \frac{33.5 - 33}{43 - 33} \right)$$

$$Q_2 = 35 + 5 \left( \frac{0.5}{10} \right)$$

$$Q_2 = 35 + 0.25$$

$$Q_2 = 35.25$$

Ivanna

**100**  $3.67 = \frac{201}{4} = 50.25$

$L_i = 40$

$L_o = 45$

$A = 5$

$F_i = 60$

$F_{i-1} = 52$

$Q_3 = 40 + 5 \left( \frac{60 - 52}{60 - 52} \right)$

$Q_3 = 40 + 5 \left( \frac{-1.75}{8} \right)$

$Q_3 = 40 - 1.003$

$Q_3 = 38.997$

**100**  $2.67 = \frac{134}{10} = 13.4$

$L_i = 15$

$L_o = 20$

$A = 5$

$F_i = 20$

$F_{i-1} = 8$

$D_2 = 15 + 5 \left( \frac{13.4 - 8}{20 - 8} \right)$

$D_2 = 15 + 5 \left( \frac{5.4}{12} \right)$

$D_2 = 15 + 2.25$

$D_2 = 17.25$

**100**  $4.67 = \frac{268}{10} = 26.8$

$L_i = 25$

$L_o = 30$

$A = 5$

$F_i = 20$

$F_{i-1} = 23$

$D_4 = 25 + 5 \left( \frac{26.8 - 23}{20 - 23} \right)$

$D_4 = 25 + 5 \left( \frac{3.8}{-3} \right)$

$D_4 = 25 + 3.166$

$D_4 = 28.166$

$$D_6 = 6.67 = \frac{402}{10} = 40.2$$

$$L_i = 40$$

$$L_o = 45$$

$$A = 5$$

$$F_i = 52$$

$$F_{i-1} = 43$$

$$D_6 = 40 + 5 \left( \frac{402 - 43}{52 - 43} \right)$$

$$D_6 = 40 + 5 \left( \frac{-2.8}{9} \right)$$

$$D_6 = 40 - 1.55$$

$$D_6 = 38.45$$

$$D_8 = 8.67 = \frac{536}{10} = 53.6$$

$$L_i = 45$$

$$L_o = 50$$

$$A = 5$$

$$F_i = 60$$

$$F_{i-1} = 52$$

$$D_6 = 45 + 5 \left( \frac{53.6 - 52}{60 - 52} \right)$$

$$D_6 = 45 + 5 \left( \frac{1.6}{8} \right)$$

$$D_6 = 45 + 1$$

$$D_6 = 46$$

$$D_9 = 9.67 = \frac{603}{10} = 60.3$$

$$L_i = 50$$

$$L_o = 55$$

$$A = 5$$

$$F_i = 67$$

$$F_{i-1} = 60$$

$$D_9 = 50 + 5 \left( \frac{60.3 - 60}{67 - 60} \right)$$

$$D_9 = 50 + 5 \left( \frac{0.3}{7} \right)$$

$$D_9 = 50 + 0.2142$$

$$D_9 = 50.2142$$

Wanna Pérez.

$$P_9 = 9.67 = \frac{603}{100} = 6.03$$

$$L_i = 10 \quad L_o = 15$$

$$A = 5$$

$$f_i = 8$$

$$F_{i-1} = 0$$

$$P_9 = 10 + 5 \left( \frac{6.03 - 0}{8} \right)$$

$$P_9 = 10 + 5 \left( \frac{6.03}{8} \right)$$

$$P_9 = 10 + 3.768$$

$$P_9 = 13.768$$

$$P_{55} = 55.67 = \frac{3,685}{100} = 36.85$$

$$L_i = 35 \quad L_o = 40$$

$$A = 5$$

$$f_i = 43$$

$$F_{i-1} = 33$$

$$P_{55} = 35 + 5 \left( \frac{36.85 - 33}{43} \right)$$

$$P_{55} = 35 + 5 \left( \frac{3.85}{43} \right)$$

$$P_{55} = 35 + 1.025$$

$$P_{55} = 36.925$$

$$P_{69} = 69.67 = \frac{4,623}{100} = 46.23$$

$$L_i = 40 \quad L_o = 45$$

$$A = 5$$

$$f_i = 52$$

$$F_{i-1} = 43$$

$$P_{69} = 40 + 5 \left( \frac{46.23 - 43}{52} \right)$$

$$P_{69} = 40 + 5 \left( \frac{3.23}{52} \right)$$

$$P_{69} = 40 + 1.204$$

$$P_{69} = 41.704$$

$$P_{69} = 41.704$$

Ivanna.

Exercício 1

$$P_2 = 72 - 67 = \frac{4824}{100} = 48.24$$

$$L_i = 40 \quad L_o = 45$$

$$A = 5$$

$$F_i = 52$$

$$F_{i+1} = 43$$

$$P_{i+1} = 40 + 5 \left( \frac{48.24}{52} - \frac{43}{43} \right)$$

$$P_{i+1} = 40 + 5 \left( \frac{5.24}{9} \right)$$

$$P_{i+1} = 40 + 2.91$$

$$P_{i+1} = 42.91$$

Da la siguiente tabla Realice los siguientes cálculos:

- Cuartiles 1,2,3
- Deciles 2,4,6,8,9
- Percentiles 9, 55, 69, 72

de estar de manera muy clara

en formato PDF

todas sus hojas deben tener nombre

debe tener hoja de presentación

Si les dejo mi numero 9631006327

Intervalo	f	F
10-15	8	8
15-20	12	20
20-25	3	23
25-30	6	29
30-35	4	33
35-40	10	43
40-45	9	52
45-50	8	60
50-55	7	67

$P = 67$