



Mi Universidad

ACTIVIDAD

NOMBRE DEL ALUMNO: BRYAN ELI GARCÍA ZAMORANO

TEMA: TAREA EXTRA ESCOLAR

PARCIAL: I

MATERIA: Bioestadística

NOMBRE DEL PROFESOR: Ing. Joel Herrera Ordoñez

LICENCIATURA: Enfermería

Datos Agrupados puntuales

En la siguiente tabla se muestra los tiempos de duracion en horas de 80 baterias.

x	f	F
44	9	9
45	13	22
49	16	38
53	12	50
54	11	61
55	8	69
56	6	75
57	5	80

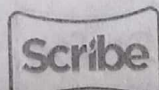
$$Q_3 = \frac{(3)(80)}{4} = 60 = 54$$

$$D_5 = \frac{(5)(80)}{10} = 40 = 53$$

$$D_7 = \frac{(7)(80)}{10} = 56 = 54$$

$$P_{45} = \frac{(45)(80)}{100} = 36 = 49$$

$$P_{73} = \frac{(73)(80)}{100} = 58.4 = 54$$



EJERCICIO 2. Altura de 13 personas

1.35 - 1.79 - 1.71 - 1.85 - 1.70 - 2.11

2.03 - 1.81 - 1.70 - 1.74 - 1.53 - 1.70 - 1.88

~~1.35 - 1.53 - 1.70 - 1.70 - 1.70 - 1.71~~

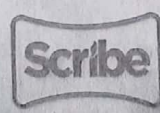
~~1.74 - 1.79 - 1.81 - 1.85 - 1.88 - 2.03 - 2.11~~

$$Q_1 = \frac{(1)(13)}{4} = 3.25 = \frac{(1.70 + 1.70)}{2} = 1.70 = 25\%$$

$$Q_3 = \frac{(3)(13)}{4} = 9.75 = \frac{(1.85 + 1.88)}{2} = 1.86 = 75\%$$

$$D_2 = \frac{(2)(13)}{10} = 2.6 = \frac{(1.53 + 1.70)}{2} = 1.615 = 20\%$$

$$D_7 = \frac{(7)(13)}{10} = 9.1 = 1.81 = 70\%$$



EJERCICIO 1, DATOS NO AGRUPADOS
 Peso en kg de 30 personas

~~58, 50, 56, 56, 58~~ ~~50 = 50 + 52 = 53 = 55~~
~~58 56 63 50 63~~ ~~56 = 56 + 56 = 56 = 57~~ ^{Q1} ~~D5~~
~~68 63 64 64 53~~ ~~58 = 58 + 58 = 58 = 59~~
~~60 68 65 63 61~~ ^{D8} ~~60 = 60 = 61 = 63 + 63~~
~~55 65 56 63 52~~ ~~63 = 63 + 63 = 64 = 64~~ ^{Q3}
~~57 66 59 58 64~~ ~~64 = 65 = 65 = 68 = 68~~ ^{D = 15}

$$Q_1 = \frac{kn}{4} = \frac{(1)(30)}{4} = 7.5 \rightarrow 30 - 7.5 = 22.5 \rightarrow [56 + 56] = 56 - 25\%$$

$$Q_3 = \frac{(3)(30)}{4} = 22.5 = 63 + 63 = 63 - 75\%$$

$$D_5 = \frac{(5)(30)}{10} = 15 = 59 = 50\%$$

$$D_8 = \frac{(8)(30)}{10} = 24 = 64 = 80\%$$

$$\sum f = 100\%$$

50 =

15 100
8

