NOMBRE DEL MAESTRO: JORGE ENRIQUE ALBORES AGUILAR

NOMBRE DEL ALUMNO: XIMENA VELASCO GARCIA

MATERIA:ESTADISTICA INFERENCIAL

ADMINISTRACION Y ESTRATEGIA DE NEGOCIOS

45	45	48	30	45	48
50	48	34	34	45	48
48	48	38	35	45	48
49	47	42	37	47	48
50	37	40	38	48	49
35	30	48	38	48	49
40	38	50	40	48	50
45	40	48	40	48	50
48	48	48	40	48	50
48	50	49	42	48	50 = 1,334

900	2025	2304
1156	2025	2304
1225	2025	2304
1369	2209	2304
1444	2304	2401
1444	2304	2401
1600	2304	2500
1600	2304	2500
1600	2304	2500
1764	2304	2500 = 60,228

$\varepsilon \bar{F_i} = 1,334$

$\varepsilon \bar{F_i}^2 = 60,228$

$n = 30$

$$\bar{x} = \frac{1,334}{30} = 4.133$$

$$Me = \frac{n}{2}, \frac{n}{2} + 1$$

$15, 16 + 48$

$\frac{48}{}$

$96 \div 2 = 48$ mediana

Moda = 48

$$S^2 = \frac{60,228 - \frac{(1334)^2}{30}}{29} = 31.36 \qquad \sqrt{31.36} = 5.6$$

UPAK

ACTIVIDAD 2

23	26	28	32	20	30
20	30	30	30	30	30
25	33	33	20	20	30
30	30	30	24	30	20
28	20	20	26	32	20

20	20	24	28	30	30
20	20	25	30	30	32
20	20	26	30	30	32
20	20	26	30	30	33
20	23	28	30	30	33 = 790

400	400	576	784	900	900
400	400	625	900	900	1024
400	400	676	900	900	1024
400	400	676	900	900	1089
400	529	784	900	900	1089 = 21,476

$\varepsilon F_i = 790$ Moda = 30

$\varepsilon F_i^2 = 21,476$

$n = 30$

$$S^2 = \frac{21,476 - \frac{(790)^2}{30}}{29} = 23.19$$

$$\bar{X} = \frac{790}{30} = 26.33$$

$$\sqrt{23.19} = 4.81$$

$$Me = \frac{30}{2}, \frac{30}{2} + 1$$

$$15, \quad 16 + 28$$
$$\underline{ 28}$$

$$56 \div 2 = 28$$

UBAK

ACTIVIDAD 1

23	25	23	25	32	28	26
20	20	24	27	30	25	25
19	30	25	30	20	20	30
30	25	28	24	35	34	32
23	20	20	26	34	19	31
20	24	20	28	30	18	20
24	25	23	30	20	20	25

18	20	23	24	25	28	30
19	20	23	25	25	30	31
19	20	23	25	26	30	32
20	20	23	25	26	30	32
20	20	24	25	27	30	34
20	20	24	25	28	30	34
20	20	24	25	28	30	35 = 1,235

324	400	529	576	625	784	900
361	400	529	625	625	900	961
361	400	529	625	676	900	1,024
400	400	529	625	676	900	1,024
400	400	576	625	729	900	1,156
400	400	576	625	784	900	1,156
400	400	576	625	784	900	1,225 = 32,145

$\sum f_i = 1,235$

$\sum f_i^2 = 32,145$

$n = 49$

$\dfrac{n+1}{2} = \dfrac{49+1}{2} = 25 \text{ mediana}$

$Modb = 20$

$\sqrt{21.20} = 4.60$

$\bar{x} = \dfrac{1235}{49} = 25.20$

$S^2 = \dfrac{32,145 - \dfrac{(1235)^2}{49}}{48} = 21,20$

UPAK