

Nombre del alumno: ARACELY MATIAS DIAZ

Nombre del profesor: MAGNER JOEL HERRERA

Nombre del trabajo: TABLA DE FRECUENCIAS

Materia: ESTADÍSTICA DESCRIPTIVA

Grado: TERCER CUATRIMESTRE

Grupo: "A"

Frontera Comalapa, Chiapas a 05 de julio de 2020.

			$X = Li + Ls / 2$	$f r = f/n$	$F = f + f$
$R = X \max - X \min$	$K = 1 + 3.322 * \log n$	$A = R/K$	$5+7/2 = 6$	$11/40 = 0.2750$	11
$R = 15 - 5$	$K = 1 + 3.322 * \log 40$	$A = 10/6$	$7+9/2 = 8$	$12/40 = 0.3000$	$11+12 = 23$
$R = 10$	$K = 6.3220$	$A = 1.6666$	$9+11/2 = 10$	$9/40 = 0.2250$	$23+9 = 32$
	$K = 6$	$A = 2$	$11+13/2 = 12$	$4/40 = 0.1000$	$32+4 = 36$
$f = \text{número de veces que se repite el dato}$			$13+15/2 = 14$	$3/40 = 0.0750$	$36+3 = 39$
			$15+17/2 = 16$	$1/40 = 0.0250$	$39+1 = 40$

Clase	X	f	f r	F
5-7	6	11	0.275	11
7-9	8	12	0.3	23
9-11	10	9	0.225	32
11-13	12	4	0.1	36
13-15	14	3	0.075	39
15-17	16	1	0.025	40
		40	1	

			$X = Li + Ls / 2$	$f r = f/n$	$F = f + f$
$R = X \max - X \min$	$K = 1 + 3.322 * \log n$	$A = R/K$	$13+19/2 = 16$	$9/30 = 0.3000$	9
$R = 46 - 13$	$K = 1 + 3.322 * \log 30$	$A = 33/6$	$19+25/2 = 22$	$9/30 = 0.3000$	$9+9 = 18$
$R = 33$	$K = 5.9069$	$A = 5.5$	$25+31/2 = 28$	$5/30 = 0.1667$	$8+5 = 23$
	$K = 6$	$A = 6$	$31+37/2 = 34$	$2/30 = 0.0667$	$3+2 = 25$
$f = \text{número de veces que se repite el dato}$			$37+43/2 = 40$	$2/30 = 0.0667$	$5+2 = 27$
			$43+49/2 = 46$	$3/30 = 0.1000$	$7+3 = 30$

Clase	X	f	f r	F
13-19	16	9	0.3	9
19-25	22	9	0.3	18
25-31	28	5	0.1667	23
31-37	34	2	0.0667	25
37-43	40	2	0.0667	27
43-49	46	3	0.1	30
		30	1	