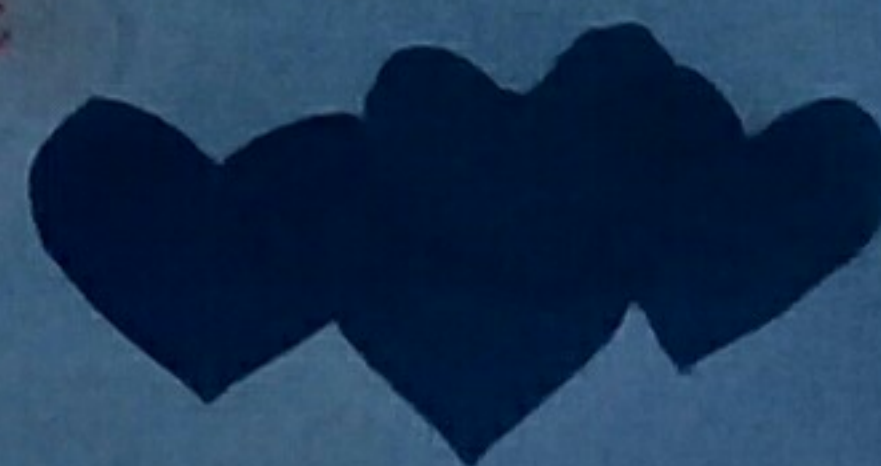


UNIVERSIDAD DEL SURESTE



Estadística

Docente: Jorge Enrique  
Albores Aguilar

Alumna: Erika de Jesús  
Morales Aguilar



Primer cuatrimestre "A"

# EJERCICIO "UNO"

Erika De Jesus Morales Aguilar

12 / NOV / 2021

45	53	65	56	49	72	49	76
100	92	63	45	67	85	50	89
90	100	98	69	77	88	66	90
56	98	88	65	88	94	63	93
50	49	80	92	92	97	78	94
73	56	84	78	100	47	84	50
90	52	91	67	49	68	92	45
91	77	100	45	56	74	100	50

Intervalo	$f_i$	% $f_i$	$f_{i2}$	% $f_{i2}$	$\bar{X}_i$	$f_i X_i$	$X_i^2$	$f_i X_i^2$
45-52	14	21.875%	14	21.875%	48.5	679	2,352.25	32,931.5
53-60	5	7.8125%	19	29.6875%	56.5	282.5	3,192.25	15,961.25
61-68	8	12.5%	27	42.1875%	64.5	516	4,160.25	33,282
69-76	5	7.8125%	32	50%	72.5	362.5	5,256.25	26,281.25
77-84	7	10.9375%	39	60.9375%	80.5	563.5	6,480.25	45,361.75
85-92	14	21.875%	53	82.8125%	88.5	1,239	7,832.25	109,651.5
93-100	11	17.1875%	64	100%	96.5	1,061.5	9,312.25	102,434.75
						3,643.5615		365,904

$\Sigma f_i = 64$

Ejercicio "DOS"

Erika De Jesus Morales Aguilar

12 / NOV / 2021

79	75	71	79	71	44
38	56	79	42	68	45
70	40	75	41	53	54
78	42	66	45	64	58
55	56	73	56	41	64
38	67	79	49	44	38

Intervalo	$f_i$	% $f_i$	$f_{i2}$	% $f_{i2}$	$\bar{X}_i$	$f_i X_i$	$X_i^2$	$f_i X_i^2$
38-43	8	22.22%	8	22.22%	40.5	324	1640.25	13,122
44-49	5	13.88%	13	36.11%	46.5	232.5	2,162.25	10,811.25
50-55	3	8.33%	16	44.44%	52.5	157.5	2,756.25	8,268.75
56-61	4	11.11%	20	55.55%	58.5	234	3,422.25	13,689
62-67	4	11.11%	24	66.66%	64.5	258	4,160.25	16,641
68-73	5	13.88%	29	80.55%	70.5	352.5	4,970.25	24,851.25
74-79	7	19.44%	36	100%	76.5	535.5	5,852.25	40,965.75
	$\Sigma f_i = 36$					2,094		128,349