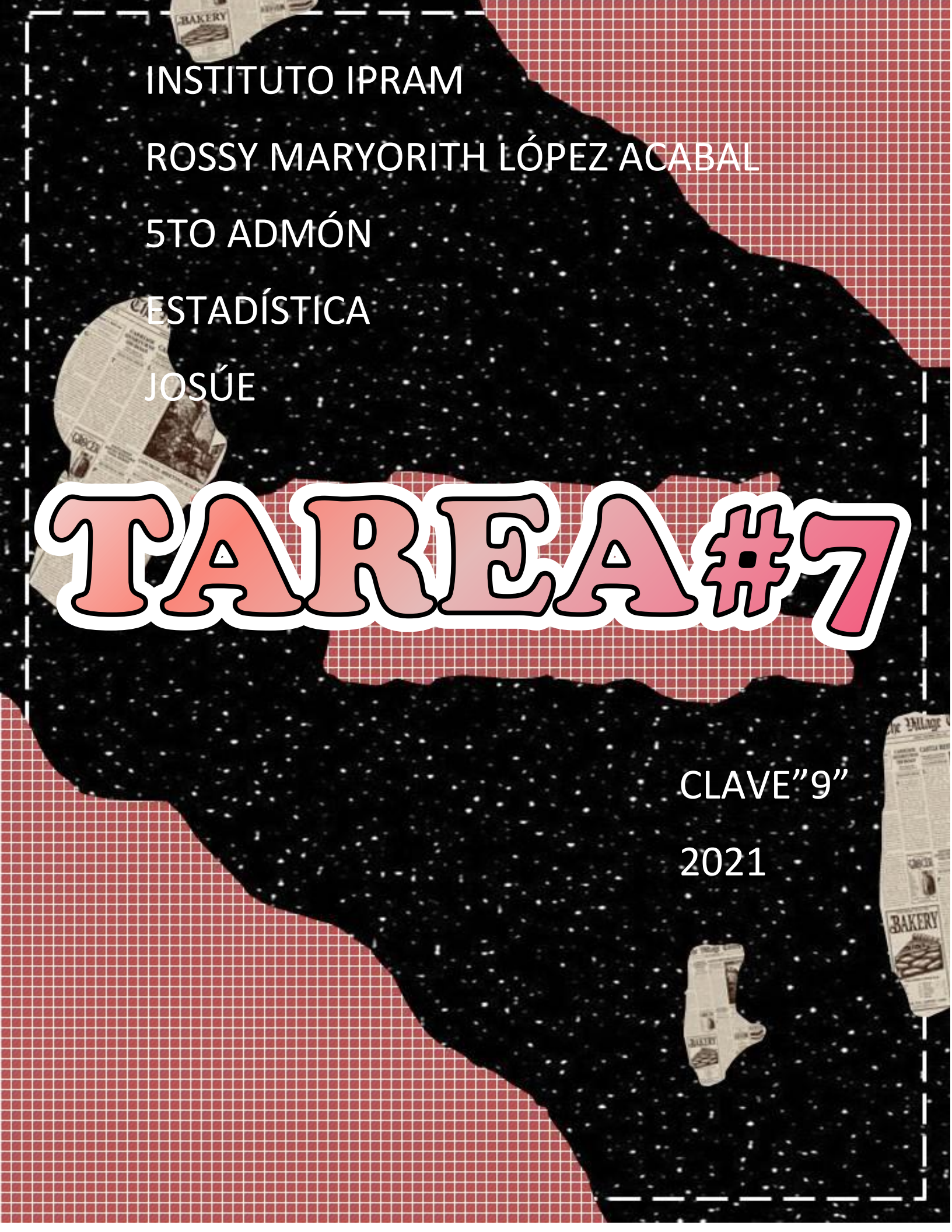




INSTITUTO IPRAM

ROSSY MARYORITH LÓPEZ ACABAL

5TO ADMÓN

ESTADÍSTICA

JOSÚE

TAREA #7

CLAVE "9"

2021

K	L-A	XS	f	fXS	$ d = h\bar{x}$	$f d $	$(XS - \bar{x})^2$	$F(XS - \bar{x})^2$	$(XS - \bar{x})^3$	$f(XS - \bar{x})^3$	$(XS - \bar{x})^4$	$f(XS - \bar{x})^4$
1	59-68	63.5	4	254	-27.09	-84.36	444.79	1,779.74	-9,380.58	-37,522.34	197,834.55	797.345.8
2	64-72	73.5	8	588	-11.09	-88.72	122.99	983.92	-7,343.91	-70,911.52	15,126.07	127,008.56
3	73-82	83.5	18	1503	-1.09	-19.62	1.19	21.42	-1.30	-23.4	1.47	25.38
4	83-92	93.5	11	1028.5	8.91	98.01	79.39	873.29	707.35	7,780.85	6,302.47	69,327.77
5	93-102	103.5	5	517.5	18.91	94.55	357.59	1,787.95	6,762.11	33,870	727,869.24	639,346.2
				3,891		385.24		5,445.74		-6,866.11		1,627,053.16

$$\bar{X} = \frac{3,891}{46} = 84.59$$

$$D.M. = \frac{385.24}{46} = 8.38$$

$$M_2 = \frac{5,445.74}{46} = 118.39 \quad M_3 = \frac{-6,866.11}{46} = -149.27$$

$$M_4 = \frac{1,627,053.16}{46} = 35,240.29$$

$$M_5 = \frac{-5,323,753.55}{46} = -115,733.77$$

$$\begin{aligned} (XS - \bar{x})^5 & f(XS - \bar{x})^5 \\ -4,172,370.11 & -16,689,483.24 \\ -767,748.75 & -1,347,985.20 \\ -1.54 & -27.72 \\ 56,155.07 & 674.705 \\ 2,478,007.50 & 12090,037.50 \\ -5,323,753.55 & \end{aligned}$$

$$B_1 = \frac{M_3^2}{M_2^3} = B_1 = \frac{-149.27^2}{118.39^3} = \frac{-22,287.53}{1,659,376.98} = -0.01$$

$$B_2 = \frac{M_4}{M_2^2} = B_2 = \frac{35,240.29}{118.39^2} = \frac{32,240.29}{14,016.79} = 2.57$$

Gossy Maryoruth López Acabal.
st. Admón

Area: 7

Platónica