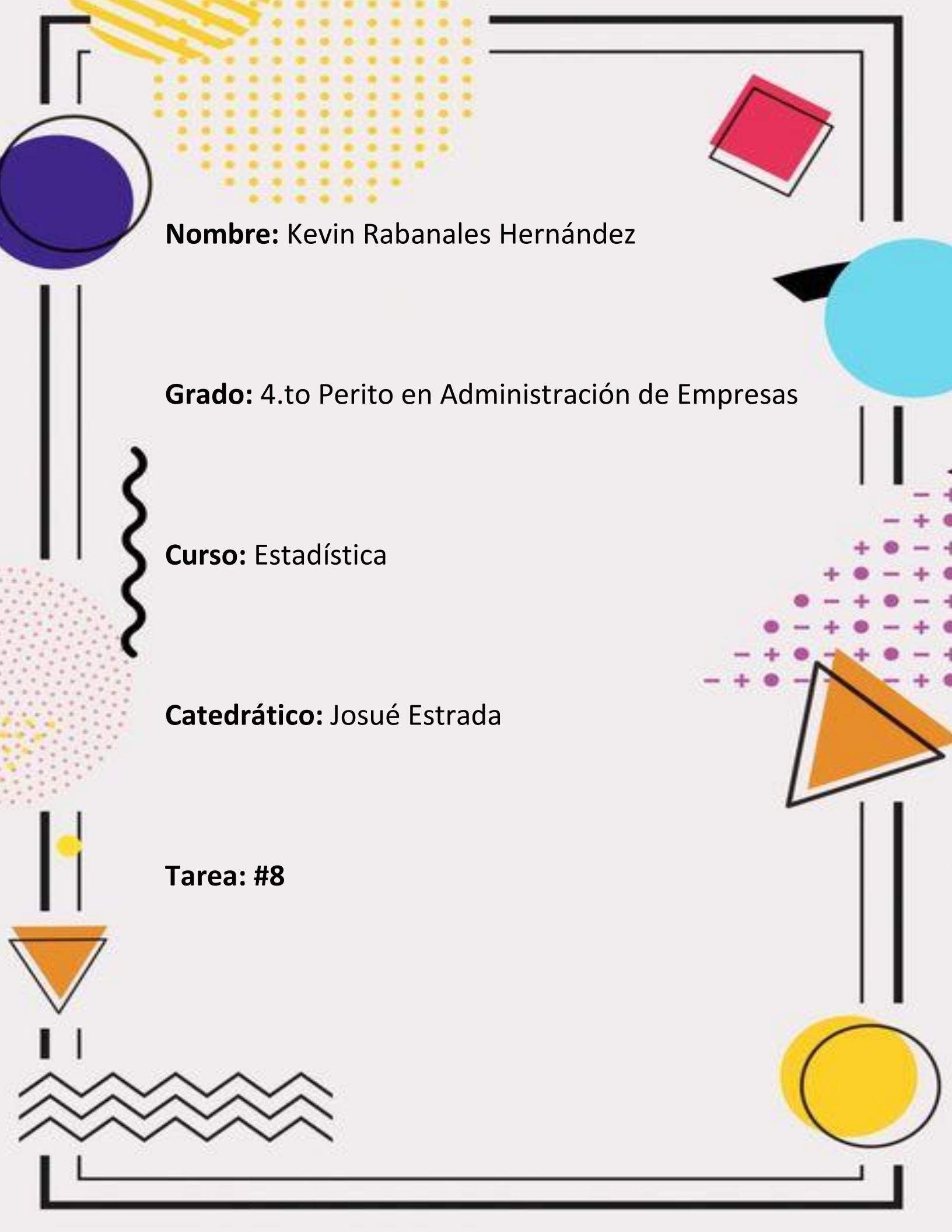


The background is a light gray canvas decorated with various abstract elements. In the top left, there's a purple circle with a white outline and a yellow circle with a dotted pattern. In the top right, a pink square is tilted. On the right side, a blue circle is partially visible. In the bottom right, there's a yellow circle with a white outline. On the left side, there's a wavy black line and a yellow circle with a dotted pattern. In the bottom left, there's a yellow circle with a white outline and a wavy black line. The text is centered in the middle of the page.

Nombre: Kevin Rabanales Hernández

Grado: 4.to Perito en Administración de Empresas

Curso: Estadística

Catedrático: Josué Estrada

Tarea: #8

Puntajes obtenidos por 35 alumnos en un examen de Matemática Financiera

L	A	Lri	Lrs	XS	f	FO	FXS
57	- 62	56.5	62.5	59.5	4	4	238
63	- 68	62.5	68.5	65.5	4	8	262
69	- 74	68.5	74.5	71.5	4	12	286
75	- 80	74.5	80.5	77.5	11	23	852.5
81	- 86	80.5	86.5	83.5	6	29	501
87	- 92	86.5	92.5	89.5	5	34	447.5
93	- 98	92.5	98.5	95.5	1	35	95.5
					$\Sigma f = 35$	$\Sigma FO = 35$	$\Sigma FXS = 2682.5$

media aritmetica

$$\bar{X} = \frac{2682.5}{35}$$

$$\bar{X} = 76.64$$

mediana

$$35/2 = 17.5$$

$$Md = 74.5 + \left(\frac{17.5 - 12}{11} \right) 6$$

$$Md = 74.5 + \left(\frac{5.5}{11} \right) 6$$

$$Md = 74.5 + (0.5) 6$$

$$Md = 74.5 + 3$$

$$Md = 77.5$$

moda

$$\Delta 1 = 11 - 4 = 7$$

$$\Delta 2 = 11 - 6 = 5$$

$$MO = 74.5 + \left(\frac{7}{7+5} \right) 6$$

$$MO = 74.5 + \left(\frac{7}{12} \right) 6$$

$$MO = 74.5 + (0.58) 6$$

$$MO = 74.5 + 3.48$$

$$MO = 77.98$$

Kevin
Rabanoles/
4.to Admon