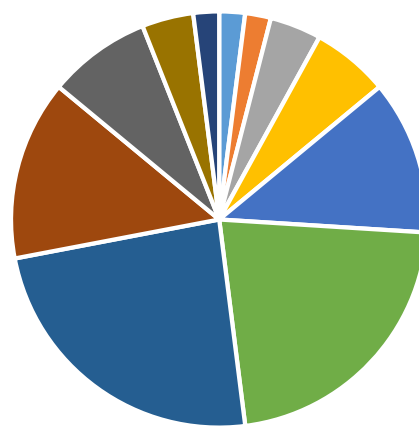


EJERCICIO 2

5, 2, 4, 9, 7, 4, 5, 6, 5, 7, 7, 5, 5, 2, 10, 5, 6, 5, 4, 5, 8, 8, 4, 0, 8, 4, 8, 6, 6, 3, 6, 7, 6, 6, 7, 6, 7, 3, 5, 6, 9, 6, 1, 4, 6, 3, 5, 5, 6, 7.

Xi	f	fr	%	Facum	Sector
0	1	0.02	2	1	7.2
1	1	0.02	2	2	7.2
2	2	0.04	4	4	14.4
3	3	0.06	6	7	21.6
4	6	0.12	12	13	43.2
5	11	0.22	22	24	79.2
6	12	0.24	24	36	86.4
7	7	0.14	14	43	50.4
8	4	0.08	8	47	28.8
9	2	0.04	4	49	14.4
10	1	0.02	2	50	7.2
	50	1	100		360

Diagrama de Sectores



■ 1 ■ 2 ■ 3 ■ 4 ■ 5 ■ 6 ■ 7 ■ 8 ■ 9 ■ 10 ■ 11

EJERCICIO 3

Xi	fi	Fi2	X2*fi	Varianza
170	1	1	28900	
300	1	2	90000	
430	1	3	184900	
470	1	4	220900	
600	1	5	360000	
			884700	21704

MEDIA 394

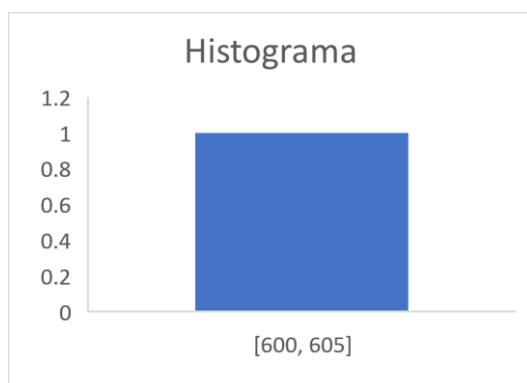
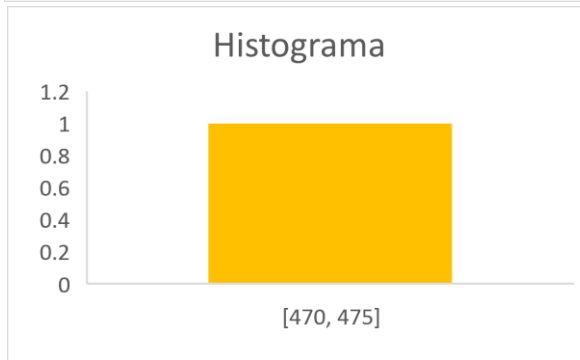
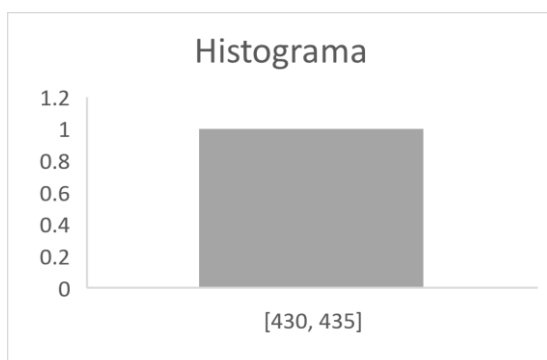
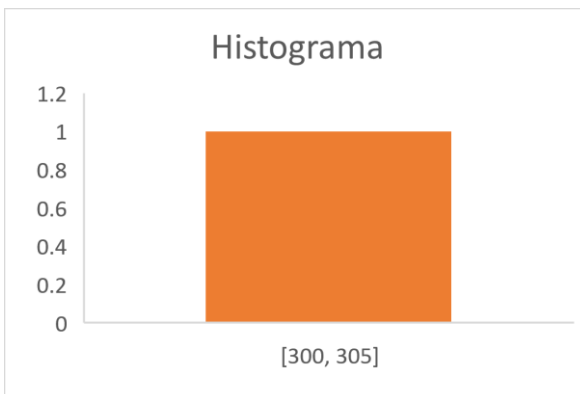
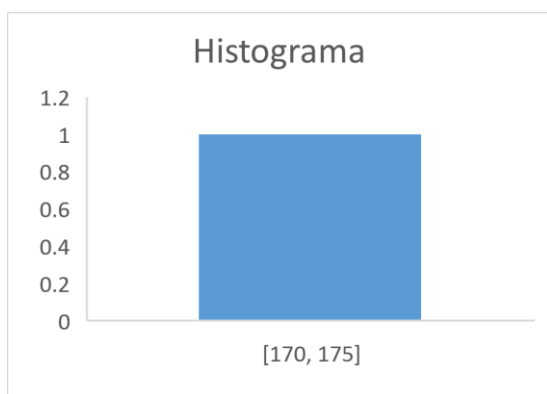
MEDIANA 430

VARIANZA 21704

DESVIACIÓN

ESTANDAR 147.3227749

HISTOGRAMA



EJERCICIO 1

→ Media: $\underline{\underline{= 1.68}}$

→ Varianza:

$X_i - \bar{X}$	$X_i - \bar{X}$	$(X_i - \bar{X})^2$
0 - 1.68	-1.68	2.8224
0 - 1.68	-1.68	2.8224
0 - 1.68	-1.68	2.8224
0 - 1.68	-1.68	2.8224
0 - 1.68	-1.68	2.8224
1 - 1.68	-0.68	0.4624
1 - 1.68	-0.68	0.4624
1 - 1.68	-0.68	0.4624
1 - 1.68	-0.68	0.4624
1 - 1.68	-0.68	0.4624
1 - 1.68	-0.68	0.4624
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
2 - 1.68	0.32	0.1024
3 - 1.68	1.32	1.7424
3 - 1.68	1.32	1.7424
3 - 1.68	1.32	1.7424
3 - 1.68	1.32	1.7424
4 - 1.68	2.32	5.3824
4 - 1.68	2.32	5.3824

$\sum (X_i - \bar{X})^2 = 35.44$

$\sigma^2 = \frac{35.44}{24} = \underline{\underline{1.47}}$

→ Desviación típica =

$\sigma = \sqrt{1.47} = \underline{\underline{1.2124}}$

→ Coeficiente de Variación de Pearson.

$\frac{\sigma}{\mu} = \frac{1.2124}{1.68} = 0.72166 = \underline{\underline{72.16\%}}$