

Tarea 2#

Anderson Rodas

Fecha / Date:

4to Admon.

Año	Millone de	$ X - \bar{X} $	$(X - \bar{X})^2$
2077	72.97	-1.034	1.069
2072	73.9	-0.104	0.070
2073	14.67	0.666	0.443
2074	14.43	0.426	0.181
2075	14.05	0.046	0.002
	70.02	2.276	7.705

$$\bar{X} = 14.004$$

$$D.M. = 0.455$$

$$S = 0.58$$

$$\bar{X} = \frac{\sum X}{N} = \frac{70.02}{5} = 14.004$$

$$D.M. = \frac{\sum |X - \bar{X}|}{N} = \frac{2.276}{5} = 0.455$$

$$S = \sqrt{\frac{\sum (X - \bar{X})^2}{N}}$$

$$S = \sqrt{\frac{7.705}{5}}$$

$$R = 7.08$$

$$S = \sqrt{0.347}$$

$$S = \sqrt{0.58}$$

Parte 2

4to Almon.

Tarea 2th

Anderson Podas

Fecha / Date:

País	%	$ x - \bar{x} $	$(x - \bar{x})^2$
Guatemala	2.5	-0.81	-0.65
El Salvador	2.5	-0.81	-0.65
Honduras	3.7	-0.27	-0.27
Nicaragua	3.0	-0.37	-0.09
Costa Rica	3.7	0.09	0.00
Panamá	5.4	2.09	4.36
	19.9	0.04	2.76

$$\bar{x} = 3.37$$

$$D.m = 0.006$$

$$s = 0.69$$

$$\bar{x} = \frac{\sum x}{N} \quad \bar{x} = \frac{19.9}{6} = 3.37$$

$$D.m = \frac{(|\bar{x} - x|}{N} \quad D.m = \frac{0.04}{6} = 0.006$$

$$R = 2.09$$

$$s = \sqrt{\frac{\sum (x - \bar{x})^2}{n}}$$

$$s = \sqrt{\frac{2.76}{6}}$$

$$s = \sqrt{0.46}$$

$$s = \sqrt{0.67}$$

Parte 3
Tarea 2^a

Anderson Potos

4to Admon.

Fecha / Date:

		$ X - \bar{X} $	$(X - \bar{X})^2$
2077	762,812	-52,438.76	-2,749,760.624
2072	186,948	-28,272.76	799,315.031.7
2073	795,336	-79,975.76	396,6735928
2014	242,487	27236.84	74345435.2
2015	277,390	62739.84	3961359775
2076	296,499	81248.84	6607394007
	7,297,507	70000.04	5802985410

$\bar{X} =$

275,250.76

D.m =

77666.67333

S =

3.53

$$\bar{X} = \frac{\sum X}{N}$$

$$\bar{X} = \frac{7,297,507}{6} = 275,250.76$$

$$D.m = \frac{\sum |X - \bar{X}|}{N}$$

$$D.m = \frac{70,000.04}{6} =$$

77666.67333

$$S = \sqrt{\frac{\sum (X - \bar{X})^2}{n}}$$

$$R = 738,687$$

$$S = \sqrt{\frac{5802985410}{6}}$$

$$S = \sqrt{967764235}$$

$$S = \sqrt{35362}$$