

Statistics Calculator (STC)

Contents

- 1.1 Data Table and Moving Averages Goto A10
- 2.1 Solutions Goto A44
- 3.1 Instructions Goto A61

Data Table and Moving Averages (continues to row 42)

Data
Item
(X)

-
- 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - 8
 - 9
 - 10
 - 11
 - 12
 - 13
 - 14
 - 15
 - 16
 - 17
 - 18
 - 19
 - 20
 - 21
 - 22
 - 23
 - 24
 -
 - 300

Solutions

Number of Items:
Maximum Value:
Minimum Value:
Range:

Sheet1

Mean:
Standard Deviation:
Linear Regression
Data Item:
Value:

Instructions

- 1) Enter Data in column headed "Values" (C16..C39)
- 2) Recalculate by typing F-9
- 3) Save by typing {alt-s}
- 4) Print by typing {alt-p}

Sheet 1.1

Value (Y)	3-Period Moving Average	6-Period Moving Average	12-Period Moving Average
2,500			
3,467			
4,335	3,434.00		
6,554	4,785.33		
2,333	4,407.33		
5,789	4,892.00	4,163.00	
3,445	3,855.67	4,320.50	
2,467	3,900.33	4,153.83	
4,568	3,493.33	4,192.67	
9,777	5,604.00	4,729.83	
8,666	7,670.33	5,785.33	
10,995	9,812.67	6,653.00	5,408.00
10,540	10,067.00	7,835.50	6,078.00
7,656	9,730.33	8,700.33	6,427.08
10,444	9,546.67	9,679.67	6,936.17
11,025	9,708.33	9,887.67	7,308.75
9,555	10,341.33	10,035.83	7,910.58
10,678	10,419.33	9,983.00	8,318.00
11,934	10,722.33	10,215.33	9,025.42
12,450	11,687.33	11,014.33	9,857.33
11,777	12,053.67	11,236.50	10,458.08
12,017	12,081.33	11,401.83	10,644.75
12,698	12,164.00	11,925.67	10,980.75
13,000	12,571.67	12,312.67	11,147.83

198,670			

Sheet 2.1

24
13,000.00
2,333.00
10,667.00

Sheet1

8,277.92
3,658.43

26
14,676.59

Sheet 3.1

Difference From Mean	Differences Squared	X Times Y	X Squared
-----	-----	-----	-----
-5,778	33,384,321	2,500	1
-4,811	23,144,919	6,934	4
-3,943	15,546,592	13,005	9
-1,724	2,971,889	26,216	16
-5,945	35,342,034	11,665	25
-2,489	6,194,706	34,734	36
-4,833	23,357,084	24,115	49
-5,811	33,766,753	19,736	64
-3,710	13,763,482	41,112	81
1,499	2,247,251	97,770	100
388	150,609	95,326	121
2,717	7,382,542	131,940	144
2,262	5,117,021	137,020	169
-622	386,780	107,184	196
2,166	4,691,917	156,660	225
2,747	7,546,467	176,400	256
1,277	1,630,942	162,435	289
2,400	5,760,400	192,204	324
3,656	13,366,945	226,746	361
4,172	17,406,279	249,000	400
3,499	12,243,584	247,317	441
3,739	13,980,744	264,374	484
4,420	19,537,137	292,054	529
4,722	22,298,071	312,000	576
	-----	-----	-----
	321,218,468	3,028,447	4,900

Sheet1

10

1s

{goto}a1~
/fccemaclib~
/rnlraa10..aa2048~
{goto}ai1~/wcs8~
{goto}aj1~/wcs1~
{home}

/fxfstc~page~r