

PC Week / Lotus 1-2-3 Benchmark Spreadsheet

=====

# of Reps? ==>

Macro Begun ==>

Macro Ended ==>

Elapsed Time ==>

CLEAR TIME FIELDS:

MACRO BEGIN:

This macro tests various computationally intensive features of the Lotus 1-2-3 spreadsheet. Several financial functions are used as well as the "Data-Fill" command and database sorting.

For a rough reference, this worksheet runs in 1 minute per rep on a Dell 286 8Mhz AT-compatible with no expanded memory or cache..

1  
2  
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9  
10

Principal ==>

Initial Guess ==>

Internal Rate of Return ==>

Sheet1

3

23:34:51

23:39:34

00:04:43

Alt-C

Alt-B

	9.0%	9.5%	10.0%	10.5%	11.0%
\$109,000.00	\$109,500.00	\$110,000.00	\$110,500.00	\$111,000.00	
\$56,846.89	\$57,232.70	\$57,619.05	\$58,005.94	\$58,393.36	
\$39,505.48	\$39,858.00	\$40,211.48	\$40,565.92	\$40,921.31	
\$30,866.87	\$31,206.30	\$31,547.08	\$31,889.20	\$32,232.64	
\$25,709.25	\$26,043.64	\$26,379.75	\$26,717.55	\$27,057.03	
\$22,291.98	\$22,625.33	\$22,960.74	\$23,298.19	\$23,637.66	
\$19,869.05	\$20,203.60	\$20,540.55	\$20,879.87	\$21,221.53	
\$18,067.44	\$18,404.56	\$18,744.40	\$19,086.93	\$19,432.11	
\$16,679.88	\$17,020.45	\$17,364.05	\$17,710.64	\$18,060.17	
\$15,582.01	\$15,926.62	\$16,274.54	\$16,625.73	\$16,980.14	

100,000.00

\$1500.00	\$1900.00	Interest
\$1500.00	\$1900.00	Rate
\$1500.00	\$1900.00	====
\$1500.00	\$1900.00	
\$1500.00	\$1900.00	1.0%
\$1500.00	\$1900.00	
\$1500.00	\$1900.00	

Sheet1

\$1500.00	\$1900.00
\$1500.00	\$1900.00
\$1500.00	\$1900.00
\$1500.00	\$1900.00
\$1500.00	\$1900.00
\$1500.00	\$1900.00

\$18,200.61                  \$23,054.11                  < == NPV

5.00%	-\$1000.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00
	\$90.00

1.20%

Please Wait

Filling a 3 x 1000 cell matrix with numbers and calculating the sample mean, variance and standard deviation..

MEAN ==>  
VAR ==>  
STD ==>

Calculating the statistics..

Sheet1

Sorting..

Smith	Sam	1
Jones	Tom	2
Brown	Bobby	3
Watterman	Kevin	4
Kelso	Mark	5
James	Mark	6
Martinson	Tom	7
Sawyer	Diane	8
Cooper	Howard	9
Thomas	Susan	10
Hope	Linda	11
Marshall	Mike	12
Thompson	Reed	13
Shelsta	Jerry	14
Aramaki	Mike	15
Washington	George	16

\C {home}/WGRM  
/reSTATS~  
{goto}c4~/re~  
{goto}c5~/re~  
{goto}c10~  
{calc}

\0 {home}  
{goto}c9~

11.5%	12.0%
\$111,500.00	\$112,000.00
\$58,781.32	\$59,169.81
\$41,277.64	\$41,634.90
\$32,577.39	\$32,923.44
\$27,398.18	\$27,740.97
\$23,979.12	\$24,322.57
\$21,565.50	\$21,911.77
\$19,779.90	\$20,130.28
\$18,412.60	\$18,767.89
\$17,337.72	\$17,698.42

MAC\_CMD {goto}a21~{goto}c37~  
 /reSTATS~  
 100000~{calc}  
 200000~{calc}  
 300000~{calc}  
 400000~{calc}  
 500000~{calc}  
 600000~{calc}  
 700000~{calc}  
 800000~{calc}  
 900000~{calc}  
 100000~{calc}  
 {home}{goto}a41~  
 {goto}f47~  
 0.01~{calc}  
 0.02~{calc}  
 0.03~{calc}  
 0.04~{calc}  
 0.05~{calc}  
 0.06~{calc}  
 0.07~{calc}  
 0.08~{calc}  
 0.09~{calc}  
 0.01~{calc}  
 {home}{goto}a61~  
 {goto}e64~90~/c~e65.e75~{calc}  
 {goto}e64~95~/c~e65.e75~{calc}  
 {goto}e64~100~/c~e65.e75~{calc}  
 {goto}e64~110~/c~e65.e75~{calc}  
 {goto}e64~120~/c~e65.e75~{calc}  
 {goto}e64~150~/c~e65.e75~{calc}  
 {goto}e64~175~/c~e65.e75~{calc}  
 {goto}e64~200~/c~e65.e75~{calc}  
 {goto}e64~225~/c~e65.e75~{calc}  
 {goto}e64~90~/c~e65.e75~{calc}  
 {goto}e64~95~/c~e65.e75~{calc}  
 {goto}e64~100~/c~e65.e75~{calc}  
 {goto}e64~110~/c~e65.e75~{calc}  
 {goto}e64~120~/c~e65.e75~{calc}  
 {goto}e64~150~/c~e65.e75~{calc}  
 {goto}e64~175~/c~e65.e75~{calc}  
 {goto}e64~200~/c~e65.e75~{calc}  
 {goto}e64~225~/c~e65.e75~{calc}  
 {goto}e64~90~/c~e65.e75~{calc}  
 {home}{goto}a81~  
 {goto}b97~Preparing the data range..~  
 {goto}b83~  
 /reLOTS\_A\_DATA~  
 {calc}

```
{goto}b97~Filling the data range..~  
{goto}b83~  
{windowsoff}  
/df{esc}n200.p1200~1~1~99999~  
{windowson}  
{goto}b97~Calculating the statistics..~  
{goto}c91~@AVG(LOTS_A_DATA)~  
{goto}c92~@VAR(LOTS_A_DATA)~  
{goto}c93~@STD(LOTS_A_DATA)~  
{home}{goto}a101~{goto}b102~  
/dsdNAMES~pd104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pd104~a~g  
/dsdNAMES~pd104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pd104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pd104~a~g  
/dsdNAMES~pd104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
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/dsdNAMES~pd104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pb104~a~g  
/dsdNAMES~pc104~a~g  
/dsdNAMES~pd104~a~g  
{home}
```



Sheet1

1	1002	2003
2	1003	2004
3	1004	2005
4	1005	2006
5	1006	2007
6	1007	2008
7	1008	2009
8	1009	2010
9	1010	2011
10	1011	2012
11	1012	2013
12	1013	2014
13	1014	2015
14	1015	2016
15	1016	2017
16	1017	2018
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46	1047	2048

Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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Sheet1

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