

## **CURVEFIT** An Excel 4.0 Spreadsheet

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Curvefit.xls	The main spreadsheet
Marco1.xlm	The macro behind the buttons
Readme.wri	You're lookin' at it!

**CURVEFIT** provides a greater degree of analysis than found in Excel's Function Library. TREND() is based off of linear regression analysis, GROWTH() will model only an exponential curve. This spreadsheet uses four curve fitting routines to cover a larger number of possible curved funtions:

- |    |             |                      |
|----|-------------|----------------------|
| 1) | Linear      | $y = a * x + b$      |
| 2) | Exponential | $y = a * e^{(b*x)}$  |
| 3) | Log         | $y = a + b * \ln(x)$ |
| 4) | Hyperbolic  | $y = a * x^b$        |

Hopefully one of these will fairly closely fit your data! A correlation factor is displayed on each graph. The closer to 100%, the better.

If you found this spreadsheet to be useful, please let me know by a nominal \$10 registration:

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