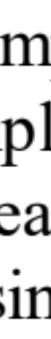


**TRANSLATE**

 bing

# Welcome to A Mathematical Curvefitting Tool called FAZFIT

Submitting this properly, completed input sheet will implement a Curvefitting Tool. Please read disclaimer below. Using FAZFIT, one can perform a least squares curve fit on (X, Y) data. Curves for 25 equations are examined in the fitting process. Sums, sums of squares, equation coefficients, R-squares, corrected R-squares and best fit equation are computed. Further, predictions for Y can be calculated given a valid X value.

To load data from a previously saved session, [GO TO BOTTOM](#) to browse and load.

To return to main menu, [MENU](#).

To logout, [LOGOUT](#).

| General Information |                    |
|---------------------|--------------------|
| Analyst             | Any_Name           |
| Agency/Co.          | Fazio_Engineerware |
| Date Performed      | 30February2017     |
| Time Performed      | 10am               |
| Comment             | Project_1A         |

NOTES:  
A. Values of X and Y may be positive, negative or zero.  
B. Only maximum 255 pairs of X and Y values can be used.  
C. All (X,Y) entries after "Total Number of (X,Y) Pairs" are automatically ignored.  
D. A LINEARIZING technique is applied to various equations so that the resulting equations are of the general form:  $Y=A+B*X$ . This means that sum of squares of errors in Y are not minimized, but the sum of squares of the linearized variable are minimized.  
E. The Linear, Parabolic, Cubic and Hyperbolic equations are linear in the parameters so this reservation does not apply to those curves. Reservation applies to equations with LN, EXP or POWERS.

| Essential Information  |      |
|--|------|
| Total Number of (X,Y) Pairs<br>(Must be an integer between 5 and 255, inclusively) | 9    |
| Will Y Value be Estimated?   | Yes  |
| Value of X to Estimate Y   | 0.25 |
| (X, Y) Values  |      |
| 1. ( 0.1 , 4 )   |      |
| 2. ( 0.2 , 6 )   |      |
| 3. ( 0.3 , 8 )   |      |
| 4. ( 0.4 , 10 )  |      |
| 5. ( 0.5 , 12 )  |      |
| 6. ( 0.6 , 14 )  |      |
| 7. ( 0.7 , 16 )  |      |
| 8. ( 0.8 , 18 )  |      |
| 9. ( 0.9 , 20 )  |      |
| 10. ( 1.0 , 10 )   |      |
| 11. ( 1.1 , 11 )   |      |
| 12. ( 1.2 , 12 )   |      |
| 13. ( 1.3 , 13 )   |      |
| 14. ( 1.4 , 14 )   |      |
| 15. ( 1.5 , 15 )   |      |
| 16. ( 1.6 , 16 )   |      |
| 17. ( 1.7 , 17 )   |      |
| 18. ( 1.8 , 18 )   |      |
| 19. ( 1.9 , 19 )   |      |
| 20. ( 2.0 , 20 )   |      |
| 21. ( 2.1 , 21 )   |      |
| 22. ( 2.2 , 22 )   |      |
| 23. ( 2.3 , 23 )   |      |
| 24. ( 2.4 , 24 )   |      |
| 25. ( 2.5 , 25 )   |      |
| 26. ( 2.6 , 26 )   |      |
| 27. ( 2.7 , 27 )   |      |
| 28. ( 2.8 , 28 )   |      |
| 29. ( 2.9 , 29 )   |      |
| 30. ( 3.0 , 30 )   |      |
| 31. ( 3.1 , 31 )   |      |
| 32. ( 3.2 , 32 )   |      |
| 33. ( 3.3 , 33 )   |      |
| 34. ( 3.4 , 34 )   |      |
| 35. ( 3.5 , 35 )   |      |
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| 37. ( 3.7 , 37 )   |      |
| 38. ( 3.8 , 38 )   |      |
| 39. ( 3.9 , 39 )   |      |
| 40. ( 4.0 , 40 )   |      |
| 41. ( 4.1 , 41 )   |      |
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| 44. ( 4.4 , 44 )   |      |
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| 49. ( 4.9 , 49 )   |      |
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| 54. ( 5.4 , 54 )   |      |
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