Best Fit Line and Curve

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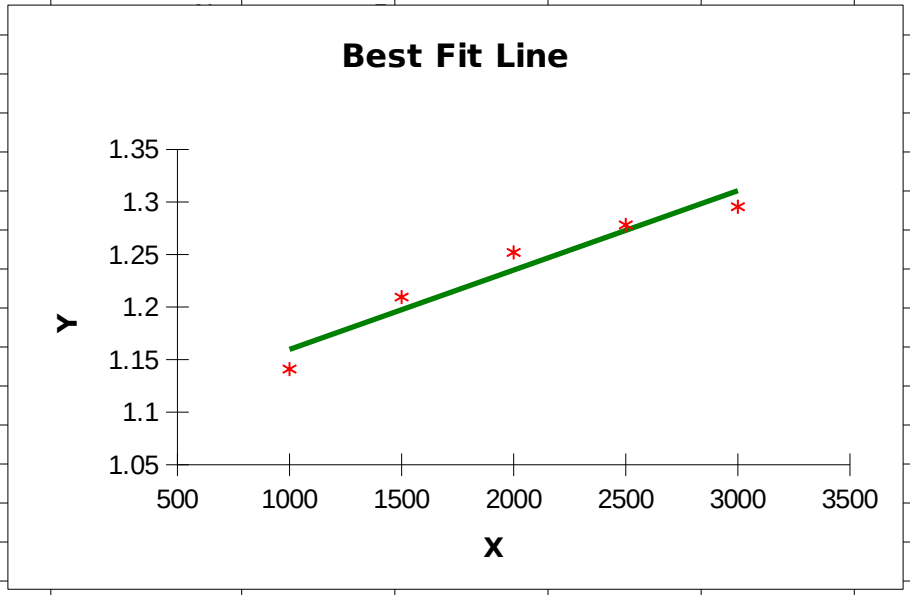
Last X Value= 3000

X	Y	X^2	XY	X^3
1000	1.141	1000000	1141	1E+09
1500	1.2095	2250000	1814.25	3.38E+09
2000	1.252	4000000	2504	8E+09
2500	1.2782	6250000	3195.5	1.56E+10
3000	1.2955	9000000	3886.5	2.7E+10

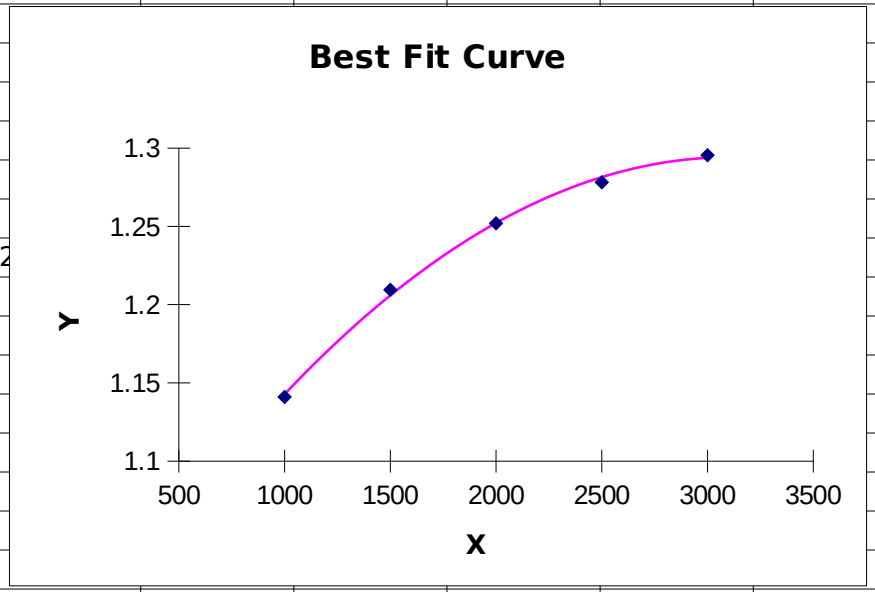


m= 7.554E-05

b= 1.08416

X	Y2
1000	1.1597
3000	1.31078

X^4	X^2 * Y
1E+12	1141000
5.06E+12	2721375
1.6E+13	5008000
3.91E+13	7988750
8.1E+13	11659500



b=	0.000211
a=	0.96546

New X	New Y
1000	1.142743
1020	1.145597
1040	1.148423
1060	1.151223
1080	1.153995
1100	1.156741
1120	1.159459
1140	1.16215
1160	1.164814
1180	1.16745
1200	1.17006
1220	1.172642
1240	1.175198
1260	1.177726
1280	1.180227
1300	1.182701
1320	1.185148
1340	1.187568
1360	1.18996
1380	1.192326
1400	1.194664
1420	1.196975
1440	1.199259
1460	1.201516
1480	1.203746
1500	1.205949

								1520	1.208124
								1540	1.210272
								1560	1.212394
								1580	1.214488
								1600	1.216555
								1620	1.218595
								1640	1.220607
								1660	1.222593
								1680	1.224552
								1700	1.226483
								1720	1.228387
								1740	1.230264
								1760	1.232114
								1780	1.233937
								1800	1.235733
								1820	1.237501
								1840	1.239243
								1860	1.240957
								1880	1.242644
								1900	1.244304
								1920	1.245937
								1940	1.247543
								1960	1.249121
								1980	1.250673
								2000	1.252197
								2020	1.253694
								2040	1.255164
								2060	1.256607
								2080	1.258023
								2100	1.259412
								2120	1.260774

								2140	1.262108
								2160	1.263415
								2180	1.264696
								2200	1.265949
								2220	1.267174
								2240	1.268373
								2260	1.269545
								2280	1.270689
								2300	1.271807
								2320	1.272897
								2340	1.27396
								2360	1.274996
								2380	1.276005
								2400	1.276987
								2420	1.277941
								2440	1.278869
								2460	1.279769
								2480	1.280642
								2500	1.281489
								2520	1.282308
								2540	1.283099
								2560	1.283864
								2580	1.284602
								2600	1.285312
								2620	1.285995
								2640	1.286651
								2660	1.28728
								2680	1.287882
								2700	1.288457
								2720	1.289005
								2740	1.289525

								2760	1.290019
								2780	1.290485
								2800	1.290924
								2820	1.291336
								2840	1.291721
								2860	1.292079
								2880	1.292409
								2900	1.292713
								2920	1.292989
								2940	1.293238
								2960	1.29346
								2980	1.293655
								3000	1.293823