(DO NOT INSERT OR DELETE ANY LINES FROM ROW 1 TO ROW 12)

	Linear y=a+b*x	Exponential y=a*e^b*x	Logarithmic y=a+b*ln(x)	Power y=a*x^b			
a=	83.3612662639	99.5623631914	330.1787626754	18086.56229529	Correlation :	92.84%	92.84%
b=	-0.0144737913	-0.0003882890206	-36.37178265848	-0.767567620081	Correlation :	96.58%	96.58%
R^2=	0.9283685889904	0.9658116247277	0.9731077869893	0.9937612769442	Correlation :	97.31%	97.31%
x'=	2500	y'=	47.17678784944	46.06524206409	45.60426165855	44.58690254325	Correlation :	99.38%	99.38%

y = -0.0145 * x + 83.3613 83.3613 -0.0145
y = 99.5624 * e ^ (-0.0003 * 99.5624 -0.0003
y = 330.1788 * -36.3718 * 1330.1788 -36.3718
y = 18086.5623 * x ^ (-0.76 18086.5623 -0.7676

Input Data Points:

#	x	y	x'	x''	y'	x'''	x'^2	y'^2	x'y	lny	lny^2	x'lny	lnx	lnx^2	lnx*y	lnx*lny
1	1680	64.5	60.20320006514	60.79574987834	61.83651915864	62.80255015326	2560000	4160.25	103200	4.166465223802	17.36109908724	6666.664435808276	7.377758908228	54.43132650794	475.8654495807	30.74065147251
2	1680	61	59.04529675708	59.31467030329	60.0619339916	60.49410546689	2822400	3721	102480	4.110873864173	16.89928392714	6906.268099181116	7.426549072397	55.15363112473	453.0194934162	30.52960648272
3	1800	57	57.30844179498	57.16042806458	57.5525401849	57.37388506772	3240000	3249	102600	4.043051267835	16.34626355434	7277.492282102129	7.495541943884	56.18349032253	427.2458908014	30.30486035933
4	1970	53	54.84709726535	54.24183677021	54.2701803582	53.53409039248	3880900	2809	104410	3.970291913552	15.76321787882	7821.475048969768	7.585788821732	57.54419204791	402.0468075518	30.11779601684
5	2160	49	52.09787869087	51.15587626034	50.92118014722	49.88124659516	4665600	2401	105840	3.891820298111	15.14626523279	8406.331843918195	7.677863500678	58.94938793505	376.2153115332	29.88086501806
6	2475	44	47.53863263321	46.42165033926	45.96981028986	44.93218995229	6125625	1936	108900	3.784189633918	14.32009118545	9365.869343947	7.813995675003	61.05852848096	343.8158097001	29.56964143283
7	3120	37.5	38.20303721195	38.03067292258	37.54637436637	37.01457010234	9734400	1406.25	117000	3.624340932976	13.13584719845	11307.94371698863	8.045382808804	64.7314907842	301.7895605301	29.15995493599
8	3600	34.5	31.25561736358	32.81676360216	32.34154158322	33.70182209754	12960000	1190.25	124200	3.540959324037	12.53839293449	12747.45355665343	8.188689124444	67.05462957679	282.5097747933	28.99581510684
9			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
10			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
11			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
12			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
13			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
14			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
15			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
16			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
17			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
18			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
19			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
20			#N/A	#N/A	#N/A	#N/A	0	0	0	0	0	0	0	0	0	0
0	18405	400.5					43988925	20872.75	868630	31.1321924584	121.5104609987	70499.498266981	61.61177532717	475.1065354181	3062.428097907	239.2991908251

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