

Month	Machine hours	Utilities cost
January	52500	35100
February	31500	33150
March	33000	33000
April	36000	33675
May	45000	34350
June	48000	35025
July	60000	42000
August	45000	34200
September	45000	34500
October	42000	34050
November	61500	36150
December	58500	37425

SUMMARY OUTPUT

<i>Regression Statistics</i>	
Multiple R	0.788333356
R Square	0.62146948
Adjusted R S	0.583616428
Standard Err	1592.918901
Observations	12

ANOVA

	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>
Regression	1	41658750	41658750	16.417949	0.00231647
Residual	10	25373906.25	2537390.63		
Total	11	67032656.25			

	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	26306.25	2247.133446	11.7065811	3.6859E-07	21299.3247	31313.1753	21299.3247	31313.1753
Machine hou	0.191666667	0.047302832	4.05190684	0.00231647	0.08626939	0.29706394	0.08626939	0.29706394

Y= \$26306.25 + 0.2X

Y= Utilities cost

X= Machine hours