

Model: $y = y(x_1, x_2)$

x1	x2	y
2	1	2.9
6	0	3
8	1	4.8
3	0	1.8
2	1	2.9
7	1	4.9
9	0	4.2
8	0	4.8
4	1	4.4
6	1	4.5

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.926927504
R Square	0.859194597
Adjusted R Square	0.818964482
Standard Error	0.459048301
Observations	10

ANOVA					
	df	SS	MS	F	Significance F
Regression	2	9.000922601	4.5004613	21.35700073	0.001047533
Residual	7	1.475077399	0.210725343		
Total	9	10.476			

	Coefficients	Standard Error	t Stat	P-value	Lower 95%	Upper 95%	Lower 99.0%	Upper 99.0%
Intercept	0.930495356	0.46697414	1.992605748	0.086558043	-0.173723021	2.034713733	-0.703672848	2.56466356
x1	0.387616099	0.062565187	6.195395815	0.000447255	0.23967294	0.535559258	0.168670271	0.606561927
x2	1.262693498	0.314126673	4.019695257	0.005061565	0.519901949	2.005485048	0.163412452	2.361974545

RESIDUAL OUTPUT

Observation	Predicted y	Residuals	Standard Residuals
1	2.968421053	-0.068421053	-0.169006575
2	3.25619195	-0.25619195	-0.632818738
3	5.294117647	-0.494117647	-1.220518074
4	2.093343653	-0.293343653	-0.724587014
5	2.968421053	-0.068421053	-0.169006575
6	4.906501548	-0.006501548	-0.016059448
7	4.419040248	-0.219040248	-0.541050462
8	4.031424149	0.768575851	1.898456214
9	3.743653251	0.656346749	1.621239547
10	4.518885449	-0.018885449	-0.046648874

PROBABILITY OUTPUT

Percentile	y
5	1.8
15	2.9
25	2.9
35	3
45	4.2
55	4.4
65	4.5
75	4.8
85	4.8
95	4.9

