Report for Linear Model New_Store_LM___6_Sales_VS_Land_VS_T_ Families_VS_Census

Basic Summary

Call:

lm(formula = Total_Pawdacity_Sales ~ X2010_Census + Land_Area + Total_Families, data = the.data)

Residuals:

Min	1Q	Median	3Q	Max
-110035	-4750	10184	41556	75241

Coeficientes:

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	196536.22	60172.001	3.2662	0.01711*
X2010_Census	-3.21	7.855	-0.4087	0.69697
Land_Area	-53.55	19.644	-2.7262	0.03436*
Total_Families	62.78	33.998	1.8465	0.11434

Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Erro padrão residual: 76741 em 6 graus de liberdade

R quadrada múltipla: 0.9142, R quadrada ajustada: 0.8713

F estatístico: 21.32 em 3 e 6 graus de liberdade (DF), valor p 0.001335

Type II ANOVA Analysis

Response: Total_Pawdacity_Sales

	Sum Sq	DF	F value	Pr(>F)
X2010_Census	983564136.27	1	0.17	0.69697
Land_Area	43768907210.74	1	7.43	0.03436*
Total_Families	20079363193.04	1	3.41	0.11434
Residuals	35334885270.17	6		

Significance codes: 0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1

Basic Diagnostic Plots