Report for Linear Model New_Store_LM___3_Sales_VS_Land_VS_ Households_w_u_18

Basic Summary

Call:

lm(formula = Total_Pawdacity_Sales ~ Land_Area + Households_With_Under_18, data = the.data)

Residuals:

Min	1Q	Median	3Q	Max
-260680	-50922	-1834	47389	249780

Coeficientes:

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	297611.68	107140.63	2.778	0.02739*
Land_Area	-54.07	29.28	-1.847	0.10727
Households_With_Under_18	63.09	19.44	3.245	0.01415*

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

Erro padrão residual: 146831 em 7 graus de liberdade

R quadrada múltipla: 0.6336, R quadrada ajustada: 0.529

F estatístico: 6.054 em 2 e 7 graus de liberdade (DF), valor p 0.02976

Type II ANOVA Analysis

Response: Total_Pawdacity_Sales

	Sum Sq	DF	F value	Pr(>F)
Land_Area	73529107680.71	1	3.41	0.10727
Households_With_Under_18	227077058908.59	1	10.53	0.01415*
Residuals	150915236415.68	7		

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

Basic Diagnostic Plots

Residuals vs Fitted

Normal Q-Q

Scale-Location

Residuals vs Leverage

Cook's distance