

Report for Linear Model New_Store_Prediction___LM

Basic Summary

Call:

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

Residuals:

Min	1Q	Median	3Q	Max
-121300	-4453	8418	40490	75200

Coefficients:

	Estimate	Std. Error	t value	Pr(> t)
(Intercept)	197330.41	56449.000	3.496	0.01005*
Land_Area	-48.42	14.184	-3.414	0.01123*
Total_Families	49.14	6.055	8.115	8e-05***

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

Residual standard error: 72030 on 7 degrees of freedom

Multiple R-squared: 0.9118, Adjusted R-Squared: 0.8866

F-statistic: 36.2 on 2 and 7 DF, p-value: 0.0002035

Type II ANOVA Analysis

Response: Padacity_Sales

	Sum Sq	DF	F value	Pr(>F)
Land_Area	60473052720.43	1	11.66	0.01123*
Total_Families	341673845917.83	1	65.85	8e-05***
Residuals	36318449406.44	7		

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

Basic Diagnostic Plots

