Report for Linear Model New_Store_Prediction____LM

Basic Summary

Call:

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

Residuals:

Min	1Q	Median	3Q	Max
-158400	-110900	-78940	39380	539600

Coefficients:

	Estimate	Std. Error	t value	Pr(>|t|)
(Intercept)	432401.73	146208.93	2.9574	0.01822*
Land_Area	-36.07	42.56	-0.8477	0.42126

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

Residual standard error: 217368 on 8 degrees of freedom

Multiple R-squared: 0.08241, Adjusted R-Squared: -0.03228

F-statistic: 0.7185 on 1 and 8 DF, p-value: 0.4213

Type II ANOVA Analysis

Response: Padacity_Sales

	Sum Sq	DF	F value	Pr(>F)
Land_Area	33949588837.33	1	0.72	0.42126
Residuals	377992295324.27	8		

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

Basic Diagnostic Plots

Residuals vs Fitted

Fitted values

Normal Q-Q

Theoretical Quantiles

Scale-Location

Fitted values

Residuals vs Leverage

Cook's distance

Leverage