

# Report for Linear Model New\_Store\_LM\_\_\_5\_Sales\_VS\_Land\_VS\_T\_Families

## Basic Summary

Call:

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

Residuals:

Min	1Q	Median	3Q	Max
-121261	-4453	8418	40491	75205

Coeficientes:

	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

Erro padrão residual: 72030 em 7 graus de liberdade

R quadrada múltipla: 0.9118, R quadrada ajustada: 0.8866

F estatístico: 36.2 em 2 e 7 graus de liberdade (DF), valor p 0.0002035

Type II ANOVA Analysis

Response: Total\_Pawdacity\_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

