

## Regresson between Location Scores and Estimated Revenue

<i>Regression Statistics</i>	
Multiple R	0.042433572
R Square	0.001800608
Adjusted R Square	0.001775885
Standard Error	4663.923706
Observations	40378

There doesn't seem to be a m

### ANOVA

	<i>df</i>	<i>SS</i>
Regression	1	1584265834
Residual	40376	8.78266E+11
Total	40377	8.7985E+11

	<i>Coefficients</i>	<i>Standard Error</i>
Intercept	261.346104	132.2068336
X Variable 1	11.8879649	1.392980136

	Average	Min
Price (per night)	\$ 158	\$ -
Estimated Revenue Per Booking	\$ 1,435	\$ -
Estimated Total Revenue	\$ 1,095	\$ -
Overall Review Score Rating (listings with Booking)	94	0
Location Review Score Rating (Listings with Booking)	93	0

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New York Airbnb		
	Estimated Total Revenue	Estimated Revenue Per Booking
Highest performing Airbnb (by Estimated Total Revenue)	\$ 371,313	\$ 68,508
Typical performing listing	\$ 493	\$ 300

eaningful relationship between location scores and estimated revenue

<i>MS</i>	<i>F</i>	<i>Significance F</i>
1584265834	72.83249396	1.45971E-17
21752184.33		

<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>
1.976797241	0.048071347	2.217703588
8.534195566	1.45971E-17	9.157692159

Clean Data Statistics		
Median	Max	Mode
\$ 105	\$ 10,000	\$ 100
\$ 315	\$ 1,000,000	\$ 300
\$ 277	\$ 371,313	\$ -
100	100	100
100	100	100

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nb Listings with Booking		
Rating	Price (per night)	Estimated stays
\$ 94	\$ 346	5.42
96	\$ 100	1.48

<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
520.4745044	2.21770359	520.474504
14.61823765	9.15769216	14.6182376

St Deviation	
\$	348
\$	18,899
\$	4,206
	17
	17

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