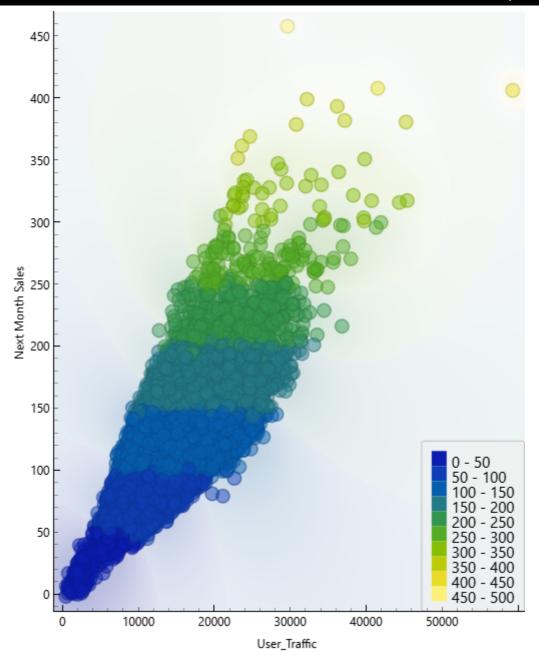
Scatter Plot Thu Apr 17 25, 22:24:27



Color: Next Month Sales, Jittering: 2

X: User\_Traffic, Y: Next Month Sales

Data instances: 14 Features: 1 Meta attributes: 1

	name	coef	
1	intercept	4.16624	
2	ID	0.00865626	
3	Product_ID	-7.64143	
4	Product_Domain=DIY Furniture	17.9796	
5	Product_Domain=Home Decor	-7.24859	
6	Product_Domain=Kitchen	-10.731	
7	Short_Promotion=0	-9.02913	
8	Short_Promotion=1	9.02913	
9	Public_Holiday=0	3.29394	
10	Public_Holiday=1	-3.29394	
11	Long_Promotion=0	-1.6059	
12	Long_Promotion=1	1.6059	
13	User_Traffic	0.00739737	
14	Popularity Score	36.9403	

Test and Score Thu Apr 17 25, 22:32:49

## Settings

Sampling type: No sampling, test on training data

## **Scores**

Model	MSE	RMSE	MAE	MAPE	R2
Tree	20.688	4.548	3.022	0.028	0.989
Linear Regression	374.669	19.356	14.437	0.139	0.795

The Tree model can be judged as the better model based on all evaluation metrics. In particular, the high  $R^2$  value indicates strong explanatory power.