Out[99]:

OLS Regression Results

Dep. Variable:	accidents	**R-squared:**	0.059
Model:	OLS	**Adj. R-squared:**	0.058
Method:	Least Squares	**F-statistic:**	62.23
Date:	Sun, 04 Oct 2020	**Prob (F-statistic):**	3.83e-63
Time:	13:39:42	**Log-Likelihood:**	-16186.
No. Observations:	5000	**AIC:**	3.238e+04
Df Residuals:	4994	**BIC:**	3.242e+04
Df Model:	5		
Covariance Type:	nonrobust		

	coef	std err	t	P>|t|	[0.025	0.975]
Intercept	703.6676	44.309	15.881	0.000	616.803	790.533
day	-0.0118	0.010	-1.180	0.238	-0.031	0.008
month	0.1591	0.028	5.740	0.000	0.105	0.213
year	-0.3438	0.022	-15.610	0.000	-0.387	-0.301
periodic_day	-0.0580	0.123	-0.471	0.638	-0.300	0.183
periodic_month	-0.2805	0.131	-2.140	0.032	-0.537	-0.024