

Call:  
lm(formula = log.no2 ~ log.cars + hour.of.day + I(hour.of.day^2) +  
temp + wind.speed, data = data)

Residuals:

Min	1Q	Median	3Q	Max
-2.24919	-0.32107	0.03085	0.33869	1.96072

Coefficients:

	Estimate	Std. Error	t value	Pr(> t )	
(Intercept)	1.152e+00	1.931e-01	5.964	4.70e-09	***
log.cars	4.571e-01	4.064e-02	11.249	< 2e-16	***
hour.of.day	-1.315e-02	2.480e-02	-0.530	0.596	
I(hour.of.day^2)	4.496e-06	8.752e-04	0.005	0.996	
temp	-2.686e-02	3.916e-03	-6.859	2.09e-11	***
wind.speed	-1.493e-01	1.425e-02	-10.482	< 2e-16	***

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Signif. codes: 0 '\*\*\*' 0.001 '\*\*' 0.01 '\*' 0.05 '.' 0.1 ' ' 1

Residual standard error: 0.5514 on 494 degrees of freedom  
Multiple R-squared: 0.4658, Adjusted R-squared: 0.4604  
F-statistic: 86.16 on 5 and 494 DF, p-value: < 2.2e-16