

$$\hat{y} = a + bx$$

Minitab

Predictor	Coef	SE Coef	T	P
Constant	38257	2446	15.64	0.000
Miles Driven	-0.16292	0.03096	-5.26	0.000

S = 5740.13

R-Sq = 66.4%

Standard deviation of the residuals

Note: $\sqrt{0.664}$ to get "r", use the context to decide if it's negative or positive

Summary of Fit

RSquare
RSquare Adj
Root Mean Square Error
Mean of Response
Observations (or Sum Wgts)

Parameter Estimates

Term	Estimate
Intercept	38257.135
Miles Driven	-0.162919

y intercept

Slope

JMP

0.664248 r^2
0.640266
5740.131 Standard deviation of the residuals
27833.63
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Std Error	t Ratio	Prob> t
2445.813	15.64	<.0001
0.030956	-5.26	0.0001