$-.2814 \leq \beta_1 \leq -.1562$ | 0

$-.2188 - 2 \times .03 \leq \beta_1 \leq -.2188 + 2 \times .0313$

$\widehat{Price} = 30.4953 - .2188 \times Miles$

$y = \beta_0 + \beta_1 x + \epsilon$

THEORY

$\hat{y} = \hat{\beta}_0 + \hat{\beta}_1 x$

PRACTICE

$H_0: \beta_1 = 0$, i.e., NO RELATIONSHIP

$H_a: \beta_1 < 0$, $\beta_1 \neq 0$, $\beta_1 > 0$ } one of these