

Used Hondas

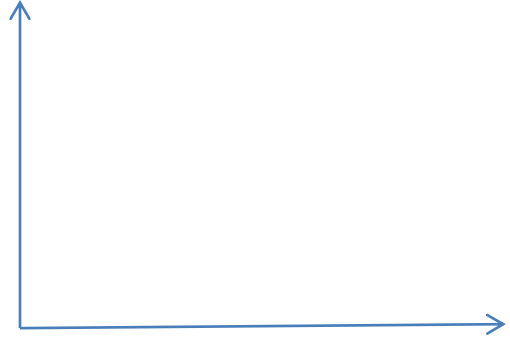
The following data shows the number of miles driven and advertised price for 11 used Honda CR-Vs from the 2002-2006 model years (prices found at www.carmax.com).

State: What is the relationship between the miles driven and the cost of a used Honda CR-V?

1. **Explanatory variable:**

Response variable:

2. **Scatterplot:**



3. **Correlation Coefficient:**

4. **Least Squares Regression Line (LSRL)**

a) by formula:

b) by calculator:

5. **Interpretation of y-intercept:**

6. **Interpretation of slope:**

7. **Coefficient of Determination (R^2):**

8. Prediction:

9. Residuals:

10. Residual Plot:



11. Influential Point:

12. Outlier: