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## Chapter 8: Linear Regression

The following data shows the increase in Halloween candy sales over a 7-year period.

Halloween Candy Sales (in million of dollars)							
Year	1995	1996	1997	1998	1999	2000	2001
Candy Sales	1.474	1.66	1.708	1.787	1.896	1.985	2.035

1. Create a scatterplot of candy sales vs. year.
2. Describe the association between candy sales and year.
3. Write the regression equation for predicting candy sales from year.
4. Explain the meaning of the y-intercept.
5. Explain the meaning of the slope.
6. Interpret the correlation.
7. Interpret the coefficient of determination.

