DS5100

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Since the conditions for simple regression are largely met, we further considered a simple linear regression model with the year predicting the number of natural disasters. We found that the slope of the regression line is 8.197 with a 95% confidence interval of $(7.22, 9.17)$, indicating that each additional year predicts an average of between 7 and 9 additional natural disasters.

Number of Natural Disasters per Year