In class assignment:

After a large windstorm, a series of gaps in the forest canopy have opened up from fallen trees. One year later, you (an enterprising biogeochemist) want to explore how the size of these forest gaps may be influencing the nitrogen cycle. Using the data collected (InClassData.csv) address the research question: “How does gap size influence soil nitrate concentrations?”

In an .R document;

1. Build an appropriate statistical model
2. Test your assumptions
3. Build a graph of the data including
   1. Slope
   2. Confidence interval around the slope
   3. Estimate range of predicted values
4. Write a sentence or two addressing the research question given your model.