Rough Draft

Include discussion of the following in your report:

- Attach both your proposal and your data assignment.
- Clear statement of the question or questions that motivated the experiment or survey of your project.
- Description of the experiment or study. Discuss various issues that arose during the design phase of the project (sampling etc...) How did your team control for bias?
- Discussion of the data collection process. How were the measurements taken?
- Analysis of the data and the rationale for the analytical tool or tools used in the analysis. This includes:
  - The test(s) that you’ll be using and the null hypotheses that are assumed
  - The p-value(s)
  - The confidence interval(s)
  - The conclusions from the procedure in the context of the problem
- A critical evaluation of the project and results. Are the conclusions that you reached in the analysis statistically significant? How reliable are the data that you collected? If your results and conclusions were published in a journal, newspaper, or magazine would you trust them? Did you violate any assumptions that were needed in the analysis?

Remember: You want this to tell a good story. Don’t think of it as a homework assignment. This is a report on the data of interest. That means that one section should flow nicely into the next section. Write this up as you would for a client who had hired you to be the statistical consultant.