

Final Report Template

The final report is where you have the chance to explain your work mostly in words. You may include short pieces of code or plots that help you tell the story.

1. **Problem Statement and Motivation:** This should be brief and self-contained.
2. **Introduction and Description of Data:** Description of relevant knowledge. Why is this problem important? What data are you dealing with? What methods have you used to explore the data (incl. initial explorations, models, data cleansing, etc)?
3. **Literature Review/Related Work:** This could include noting any key papers, texts, or websites that you have used to develop your modeling approach, as well as what others have done on this problem in the past. You must properly credit sources.
4. **Modeling Approach:** Include 1) a baseline model for comparison and 2) a description of your implementations beyond the baseline model and the design choices that you made along the way
5. **Project Trajectory, Results, and Interpretation:** Briefly summarize any changes in your project goals or implementation plans you have made along the way. These changes are a natural part of any project, even those that seem the most straightforward at the beginning. The story you tell about how you arrived at your results can powerfully illustrate your process. Next, show your results. How well does your model and/or implementation perform? Did you meet your goals? Finally, give some interpretation. What do your results mean?
6. **Conclusions and Possible Future Work:** Summarize your results, the strengths and shortcomings of your results, and speculate on how you might address these shortcomings if given more time.