

**NE 155**  
**Analysis Final Project Rubric**

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The final paper should be ~6-7 pages with 1.5 spacing per team member. This may vary based on the specific project; please use your best judgment. Please include these items as clearly labeled sections in the final report:

1. **Introduction:** What are you trying to accomplish and why? Also preview what you are going to talk about.
2. **Problem Description:** Describe the problem you are solving in this work and explain how it will help you find out the thing you told us about in the introduction.
3. **Description of Work:** What did you do to perform your analysis? This can include any models you built, data you collected, strategies you needed for evaluation, etc.
4. **Results:** What did you find out?
5. **Conclusions:** What do your findings mean? How does that relate to the goal you laid out in the introduction?
6. **References:** you must have references that you cite in your paper (including the interim report).

In your mid-project report should replace “Conclusions” with **Plans for Completion**, keeping in mind that “Results” will be preliminary or possibly empty. The first three sections don’t have to be completely polished, but they should at least be very solid drafts. I will provide feedback, so the better they are when I read them the more useful the feedback will be. This should be 4, 6, or 8 pages of 1.5 spacing maximum for 1, 2, or 3 people, respectively.

Please include these same items in your final presentation. The presentations should be approximately 8, 12, or 15 minutes for 1, 2, or 3 people, respectively. This may vary based on the specific project; please use your best judgment.

**Notes for writing papers properly:**

- If you include figures, use a Figure number and caption; refer to the figure from within the text as Fig. # or Figure #.
- You may need to number equations and refer to them in the text.
- *Use section headings for the requested sections.*
- In the introduction, discuss what is coming up in the paper.
- In the conclusions, discuss what you told us in the paper.
- If you talk about a code (that you didn’t write yourself), you need to include a reference for that code.

- For the final report, it's a good idea to include enough information for the work to be reproducible. To avoid making the report filled with mundane details you can put some items in an appendix.
- Common grammar errors: that vs. which, use vs. utilize, due to vs. because of.

I will use the following rubric for evaluating the paper:

Category	Possible Points	Earned Points
Work implemented correctly	15	
Goal, problem solved, and analysis conducted have an appropriate logical flow	12	
Conclusions are supported by the results	10	
Complete sentences; correct grammar and spelling	8	
Sources properly documented	5	
Total	50	

This rubric is for evaluating the presentation:

Category	Possible Points	Earned Points
Topic motivation is clear	3	
Explanation of work is understandable, correct, and supports the motivation	7	
Results and conclusions are clearly communicated	6	
Good presentation skills: eye contact, volume, clarity of slides, etc.	6	
Appropriate presentation length	3	
Total	25	