

Project Rubric:

1. Introduction (15%):

- 1) The introduction should include a clear, concise, and engaging overview of the topic.
- 2) Relevant background information needed to understand thesis is provided.
- 3) The main thesis is clearly presented.
- 4) The reader should have a good understanding of what is to come in the rest of the paper.
- 5) Include definitions of any key concepts that one might wish to use throughout the paper.
- 6) Your target audience should be other students in Math 20 (that are not in your group).

2. Main Body (20%)

- 1) This section will consist of the main analysis of the chosen topic.
- 2) The key arguments in the analysis are broken down into simple and understandable statements.
- 3) When applicable, variations on the main thesis are explored.
- 4) Figures and visuals are efficient, informative, and properly captioned.

3. Closing (15%)

- 1) The closing section summarizes the analysis in support of the main thesis.
- 2) A summary of both the effectiveness as well as the limitations of the underlying model (for applied projects).
- 3) A summary of the reasoning behind the assumptions made for proof based papers. Is there evidence to suggest that the results may be true for weaker assumptions (even if a proof may not be feasible).
- 4) Include further questions related to the main thesis that were not answered but might be of interest. These may stem from different variations on the type of model used, or variations and extensions on the assumptions underlying the main thesis.

4. Mathematical reasoning (25%)

- 1) All variables and functions are clearly defined and consistently used.
- 2) The main analysis utilizes ideas introduced in this class to the topic in question.
- 3) Ideas presented in the main body are relevant to the thesis.
- 4) Each individual argument is correct and self-contained.
- 5) Sound logical reason connects the various parts of the main argument together in a coherent order.
- 6) Figures are accurate and relevant to ideas presented. All figures should be referenced.
- 7) Conclusions in the summary following logically from evidence constructed in the main body.

5. Overall Structure (5%)

- 1) Writing conventions followed
- 2) Bibliography included, with proper citations throughout text.