

MATH 560 PROJECT GUIDFLINES

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Project Description MATH 560



In the project, you need to analyze a real life experiment. You may conduct the experiment and collect data by yourself, or find existing experiment data from online sources, preferably in your major area.

Submit a final report of your findings, including

- (1) a brief background statement covering why you chose to study the system you did and other relevant information,
- (2) the levels of the variables you studied,
- (3) the responses and how they were measured,
- (4) the experimental design chosen,
- (5) the data collected,
- (6) your analysis,
- (7) an interpretation of your results,
- (8) a comparison between what you found and what you expected to find.

Requirements:

- Each group should contain at most 3 students.
- The project involves three components as below:
- Preliminary proposal: Each group should submit a one-page proposal of their project for approval. The proposal should include a brief description of the problem and your data, and tasks that you intend to complete. This is due on in 5th week (email submission)
- Presentation: each group will give a short presentation at the end of semester.
- Report: Each group should submit a formal report at the end at the end of semester. (email submission + Hard copy)

GUIDELINES

EXPERIMENTAL DESIGN

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^{*} Put A for qualitative (attribute), V for quantitative (variable), C for controllable and N for uncontrollable.