

Lab 5: Enhancing Student Opinion Survey Design

Objective: The purpose of this assignment is to apply your knowledge of survey design and implementation to enhance the current student opinion survey. You will modify the existing questions to improve completion rates and usability of results, provide recommendations to encourage responses, pilot test the revised questions with at least 5 other students, and make adjustments based on the pilot test results.

Instructions:

1. **Review the Current Student Opinion Survey:** Familiarize yourself with the questions, format, and overall structure of the current survey.
2. **Question Modification:**
 - a. Analyze each survey question critically. Identify any potential issues that may hinder response rates or result in ambiguous data.
 - b. Modify the questions to enhance clarity, relevance, and overall user engagement. Ensure that the revised questions align with the topic and uses of the survey as discussed in class.
3. **Recommendations for Encouraging Responses:**
 - a. Propose strategies to encourage students to participate in the survey.
 - b. Consider methods such as incentives, communication channels, or timing to maximize response rates.
4. **Pilot Testing:**
 - a. Select a group of at least 5 students (each from a different department) to participate in the pilot test.
 - b. Administer the revised survey to the pilot group and collect their responses.
 - c. Gather feedback on the clarity of questions, ease of completion, and any suggestions for improvement.
5. **Analysis of Pilot Test Results:**
 - a. Analyze the feedback and responses from the pilot test.
 - b. Identify common themes or issues that emerged during the pilot test.
 - c. Determine which questions were well-received and which ones may still need further refinement.
6. **Adjustments and Finalization:**
 - a. Based on the pilot test results, make necessary adjustments to the survey questions.
 - b. Finalize the revised survey, incorporating improvements suggested by the pilot group.

Submission Requirements:

7. **Modified Survey Questions:** Submit a document containing the modified survey questions, highlighting the changes made and providing a brief justification for each modification.

8. **Recommendation Report:** Write your recommendations for encouraging survey responses, including the rationale behind each suggestion.
9. **Pilot Test Summary:** Summarize the results of the pilot test, detailing feedback received and any trends observed.
10. **Revised Survey:** Provide the finalized version of the student opinion survey with adjustments based on the pilot test results.

Grading Criteria: Your assignment will be assessed based on the clarity of question modifications, the soundness of recommendations, the thoroughness of the pilot test analysis, and the effectiveness of adjustments made to the survey based on the pilot test results.

Reference for finetuning assignment:

OpenAI. (2023). *ChatGPT* [Large language model]. <https://chat.openai.com>