

# Final project proposal form

- Due Mar 25 at 11:59pm
- Points 0
- Questions 9
- Time Limit None
- Allowed Attempts Unlimited

## Instructions

If you would like to analyze your own data rather than what I provide on Canvas (including data downloaded from online repositories) for the final project, fill out this survey and submit it by the end of 3/25/2025.

Take the Quiz Again

## Attempt History

	Attempt	Time	Score
LATEST	<u>Attempt 1</u>	8,658 minutes	0 out of 0 *

\* Some questions not yet graded

❗ Correct answers are hidden.

Score for this attempt: 0 out of 0 \*

\* Some questions not yet graded

Submitted Mar 24 at 11:07am

This attempt took 8,658 minutes.



Question 1

Not yet graded / 0 pts

The proposed data have to either (a) be collected by yourself or (b) align with one of the team member's field of study. In the former case, describe how you collected the data and why the problem is of your interest. In the latter case, describe how you obtained the data, how the data were collected in the first place, and how the data align with your field of study.

Your Answer:

The data that our team proposes to use is "The Sustainability Insight System" collected by "The Sustainability Consortium." The data was collected by requesting participating retail companies to send out surveys to their suppliers. The survey consists of sustainability and transparency questionnaires

regarding the activities of the supplier and their supplier. Once the survey is completed, the retail companies would return the survey to TSC, where the data is processed.

As a researcher in the Supply Chain Management discipline, I have great interest in environmental sustainability and lower-tier supplier transparency. The data aligns with my research interest because it consists of environmental sustainability data with lower-tier supplier related data.



#### Question 2

Not yet graded / 0 pts

Briefly describe your research questions. If you have multiple research questions, list them all.

Your Answer:

With the data, we plan to analyze the final manufacturer's attributes that affect lower-tier supplier transparency.



#### Question 3

Not yet graded / 0 pts

What is your sample size?

Your Answer:

The data set consists of approximately 100,000 data points, but we propose to focus on only the agriculture/food industry data. After removing data with missing data points, approximately 1,000 data points will be used for analysis.



#### Question 4

Not yet graded / 0 pts

How many potential predictors do you have?

Your Answer:

We plan to propose 8 independent variables and 7 control variables.



#### Question 5

Not yet graded / 0 pts

List all your variables (including the response variable). For each variable include a brief description of the measure and whether it's continuous and categorical. If categorical, how many categories.

Your Answer:

Company Size: A categorical variable with 5 categories distinguishing based on past year's revenue.

Company Type: A binary variable distinguishing between public and private companies.

**Disclosure:** A binary variable indicating whether the company has a publicly available sustainability report.

**Sustainability Team Size:** A categorical variable with 6 categories indicating the number of employees that their primary job purpose is sustainability.

**Sustainability Interest:** A binary variable distinguishing whether the company described the purpose of completing the survey as sustainability purposes or not.

**Past Experience:** A continuous variable indicating the number of years the company has been responding to the survey.

**Additional Experience:** A continuous variable indicating the number of different sustainability reporting systems that the company responds to.



#### Question 6

Not yet graded / 0 pts

What is the amount and pattern of missing data in your data set?

Your Answer:

There are random columns that responders skipped. Roughly 100 rows would be excluded when removing all row's with missing data.



#### Question 7

Not yet graded / 0 pts

What is your initial idea of the method to analyze your data?

Your Answer:

Based on what we see, it is most likely that logistics regression methods would be used to analyze the data.



#### IncorrectQuestion 8

0 / 0 pts

Would you like to complete the project individually or in a group? See course syllabus for more detail, especially with regarding to the grading schemes.

- ☐ Individually
- ☒ In a group
- ☐ Open to both options.



#### Question 9

Not yet graded / 0 pts

Any additional comments or concerns? If you have already identified one or more group members, list their names here.

Your Answer:

Abraham Kudiabor

Farshid Jahanshaheenezhad

Sagar Sinha

Uschuas Das

Quiz Score: 0 out of 0

\* Some questions not yet graded