**Team Assignment 1: Sikap and Team Goals**

Submit on LMS by 5:00PM on Rabu, 7 Februari

**Part 1:**

1. Complete the individual survey Sikap: <https://docs.google.com/forms/d/e/1FAIpQLSfXQsV3xIN6paGxThTirB_-i3-y0f4gqFAZEnq8FGlLOAoEaA/viewform?usp=sharing>
2. Each team member should individually list at least 3 attitudes that statisticians and data scientists may have during a collaboration with a domain expert that are not on the list below (or in the survey). Add these attitudes to the bottom of the list below.
3. From the list below of attitudes that statisticians and data scientists may have when interacting with a domain expert (DE), for each attitude:

* Categorize these attitudes (the 22 below plus your team’s new ones) into three categories:
  + Attitudes you “All have most of the time”
  + “Some but not all have most of the time”, and
  + “None have”

Make sure there are at least 5 attitudes in each category.

* **Discuss** whether the attitude **helps** or **hinders** effective collaboration.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attitude** | **All, Some, or None Have?** | **Helps?** | **Hinders?** |
| 1. I am curious to learn something new about the domain for every collaboration project |  |  |  |
| 1. To be an effective collaborator I must be outgoing and extraverted |  |  |  |
| 1. To be an effective collaborator I must commit to being helpful to the domain expert |  |  |  |
| 1. My primary intent in a collaboration is to help solve the domain expert’s problem |  |  |  |
| 1. My primary focus in a collaboration is on solving the statistics/data problem |  |  |  |
| 1. The domain expert is not as smart as I am because he does not know as much statistics as I do |  |  |  |
| 1. The domain expert and I both bring our own unique skills to the collaboration, and neither is more valuable than the other |  |  |  |
| 1. Usually, domain experts do not want to learn new statistics; they just want to take the easiest path |  |  |  |
| 1. The domain expert is an expert in their field who knows more about their problem than anyone else |  |  |  |
| 1. One of my primary goals for a collaboration is to create a strong relationship with the domain expert |  |  |  |
| 1. Statisticians must uphold ethical standards on every project |  |  |  |
| 1. Statisticians are the guardians of the scientific method |  |  |  |
| 1. I do not really care if my statistical analysis is used or not, as long as it is technically correct |  |  |  |
| 1. One of my primary goals for a collaboration is to make a deep contribution to positively impact society |  |  |  |
| 1. If I do not know the best statistical technique to answer a question in a collaboration, I will find out and learn it |  |  |  |
| 1. Collaboration is usually just a formality. In practice, collaboration rarely leads to an exchange of ideas to solve the problem |  |  |  |
| 1. The domain expert and I can accomplish more together than either of us could alone |  |  |  |
| 1. Collaboration is fun |  |  |  |
| 1. It is important that the domain expert accomplishes his goals and I accomplish my goals |  |  |  |
| 1. It is the domain expert’s job to learn how a statistical technique works, not my job to explain it |  |  |  |
| 1. Artificial intelligence (e.g., ChatGPT) is a useful tool for statistical collaborators |  |  |  |
| 1. In general, Indonesians tend to be closed when it comes to collaboration because they prefer to work independently |  |  |  |
|  |  |  |  |
|  |  |  |  |

4. Choose 5 of the attitudes in the “Some but not all team members have most of the time” category. For each attitude, determine:

* What actions or behaviors would a statistician do if she has this attitude? In other words, **map the attitude to the specific behavior** or behaviors of a statistician/data scientist that would express this attitude. If a statistician were to have a specific attitude, what actions or behaviors should you be able to see to know that she has that attitude? What actions or behaviors would indicate that the statistician does not possess that attitude?

Create a Team Assignment 1 (TA1) document showing how often the team members have the attitudes and who thinks the attitude helps or hinders collaboration. Also include the behaviors of someone who has the 5 attitudes your team chose.

For example [contoh], add extra rows to the table above, indicate (use your teammates’ initials) how prevalent this attitude is on your team, and who thinks the attitude helps or hinders collaboration.

|  |  |  |  |
| --- | --- | --- | --- |
| **Attitude** | **All, Some, or None Have?** | **Helps?** | **Hinders?** |
| 1. I am curious to learn something new about the domain for every collaboration project | All | BS, KAN | LM, AK |
| 1. To be an effective collaborator I must be outgoing and extraverted | Some |  | BS, KAN, LM, AK |
| … |  |  |  |
| … |  |  |  |
| New attitude … | None | AK | BS, KAN, LM |
| New attitude … | Some | KAN, LM | BS, AK |

**Part 2:**

5. Decide on your team’s name. You may not use your team’s original number. For example, if you were Tim 12, your team name cannot be “Tim 12” or anything similar. Avoid using numbers in your team name.

6. Discuss each team member’s SMART goals for six months after graduation, five years after that, and individual goals for this course.

7. Provide feedback to your teammates about their SMART goals? Can they be made to be more specific, measurable, achievable, relevant, and time-bound (deadline for accomplishing them)?

8. Create a SMART goal for your team for this course this semester. What is your team’s goal? How is it Specific, Measurable, Achievable, Relevant, and Time-bound?

9. Take a team photo.

**Instructions for team assignment submission:**

1. Upload one pdf document for your team.

2. The document must include:

A. A table of attitudes (22 plus your team’s new attitudes), the category (All, Some, None have), and if the attitude helps or hinders collaboration. (This is question #3.)

B. For 5 attitudes that Some of the teammates have but not all, list the attitude and the behaviors associated with those attitudes (This is question #4.)

C. Your team’s name (This is question #5.)

D. Your team’s SMART goal for this course (This is question #8.)

E. Your team photo (This is question #9.)

**Learning objectives for this assignment include:**

* Identifying (becoming self-aware about) one’s own attitudes
* Reflecting on the usefulness of these attitudes
* Understanding others’ attitudes
* Learning how to recognize attitudes in others via their behaviors and actions
* Working as a team to create one document to submit to the LMS.
* You will practice making “SMART” goals.
* You get practice giving your teammates feedback.