



SECI2143: PROBABILITY & STATISTICAL DATA ANALYSIS

2020/2021 – SEMESTER 2

SECTION 01

PSDA PROJECT 1 PROPOSAL

Due: SUNDAY - 4th APRIL 2021 (5.00pm) via e-Learning

GROUP NAME: EATING HABITS SURVEY (Group 9)

LIST OF MEMBERS

Name	Matric No.
1. Goh Yitian	A20EC0038
2. Gui Yu Xuan	A20EC0039
3. Ng Yen Thong	A20EC0107
4. Phang Cheng Yi	A20EC0131

Proposed Topic	Evaluation of Eating Habits
Proposed Population	All UTM Students
Proposed Sample	60 Respondents

LIST OF POSSIBLE QUESTIONS

Please make sure you include all Level of Measurement types

	Questions	Answers	Level of Measurement	Suggestion Input Type
1	Gender	Male/ female/ others	Nominal	Radio button multiple-choice selection
2	Age	Metric value	Ratio	Short Answer
3	Are you picky eaters?	Yes /No/ Maybe	Nominal	Radio button multiple-choice selection
4	How often do you eat 3 or more meals per day?	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
5	How often do you eat fast food?	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
6	How often do you skip your breakfast?	Never/Rarely/Sometimes/Very Often/Always	Ordinal	Linear Scale
7	How often do you have supper? (after 10pm)	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
8	How often do you drink 8 glasses of water per day? (Equivalent to 2 litres)	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
9	How often do you drink carbonated/alcoholic beverages?	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale

10	How often do you find yourself binge eating? (Consumption of unusual large amount of food)	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
11	Do you do other things while eating?	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
12	Would you eat healthy food if you have the choice?	Never/ Rarely/ Sometimes/ Very Often/ Always	Ordinal	Linear Scale
13	How many servings of fruits and vegetables do you eat per day?	Below Average/ Average/ Above Average	Interval	Radio button multiple-choice selection
14	How many times will you chew your food before swallowing ?	Below Average/ Average/ Above Average	Interval	Radio button multiple-choice selection
15	What is your BMI ?	Below Average/ Average/ Above Average	Interval	Radio button multiple-choice selection
16	What is the longest time you normally go without eating?	Below 4 hours/ 4 - 6 hours / Above 6 hours	Ratio	Radio button multiple-choice selection
17	What percentage of your regular diet consists of meat and meat products?	Below 25%/ 25% - 50%/ 50% - 75%/ Above 75%	Ratio	Radio button multiple-choice selection
18	How much of your diet consists of vegetables and non-animal products?	Below 25%/ 25% - 50%/ 50% - 75%/ Above 75%	Ratio	Radio button multiple-choice selection
19	Would the surrounding environment affect your appetite or change your eating habit?	Yes /No/ Maybe	Nominal	Radio button multiple-choice selection
20	Do you think that your regular diet is healthy?	Yes /No/ Maybe	Nominal	Radio button multiple-choice selection

**please add more possible questions (min: 15 questions)*

LIST OF POSSIBLE ANALYSIS

These are examples, please remove and add your own

	Analysis
1	Comparison of respondent gender and age with simple descriptive analysis
2	Comparison of Age vs Picky Eaters
3	Analyse The Preferences of choice from the respondent (e.g.: Never vs Always)
4	Analyse The Consumption of Fruits and Vegetables from The Respondent
5	Analyse The Healthy Eating Habits from The Respondent
6	Comparison of BMI and gender
7	Analyse The Starvation from The Respondent
8	Analyse The Environment Effect on Respondent's Eating Habits
9	Comparison of Healthy Diet
10	Analyse The Consumption of Meat and Meat Product from The Respondent
11	Comparison of The Ratio of Consumption of Meat and Vegetables/Fruits
12	Comparison of Picky Eaters and BMI

**please add more possible analysis*