

NAME - AKSHIT KIRAWALA

ROLL NO - 2501660011

ASSIGNMENT - 2

TASK 1: Design a short Survey (5-10 questions) to collect feedback about student satisfaction at your college.

TASK 1: Student Satisfaction Survey

K.R. Manglam

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Instructions : Please take two minutes to answer the following questions honestly. Your responses are anonymous.

1. What is your current year of study?

- () 1st year
- () 2nd year
- () 3rd year
- () 4th year
- () Other

2. How satisfied are you with the quality of teaching at the college?

(1 = very dissatisfied, 5 = very satisfied)

- () 1
- () 2
- () 3
- () 4
- () 5

3. How would you rate the college library facilities?

(1 = very poor, 5 = Excellent)

- () 1
- () 2
- () 3
- () 4
- () 5

4. How satisfied are you with the canteen/ food quality and pricing?
(1= Very dissatisfied, 5= very satisfied)

- () 1
- () 2
- () 3
- () 4
- () 5

5. How easy is it to access Wi-fi on campus?

(1= Very difficult, 5= Very Easy)

- () 1
- () 2
- () 3
- () 4
- () 5

6. How safe do you feel on campus?

(1= Very unsafe, 5= Very Safe)

- () 1
- () 2
- () 3
- () 4
- () 5

7. How satisfied are you with extracurricular activities and clubs?

(1= Very dissatisfied, 5= Very Satisfied)

- () 1
- () 2
- () 3
- () 4
- () 5

8. How responsive are the administrative staff to student concerns?

(1= Not responsive at all , 5= Extremely responsive)

() 1

() 2

() 3

() 4

() 5

9. What is one thing you like most about the college?
(open-ended)

10. What is one improvement you would suggest?
(open-ended)

TASK 2 : Identify and fix issues such as missing data , duplicate entries , or inconsistent formatting.

TASK 3 : Issues found & fixes applied :-

1. Missing value

→ Response ID 8 : Teaching rating was blank → Treated as missing (replaced with "NA" or left blank)

2. Duplicate entries

→ Response 1 and Response 9 are exactly identical → Removed response 9 (duplicate)

3. Inconsistent formatting

→ Year of study written as "2nd", "3rd", "1st", "4th" → Standardized to "2nd Year", "3rd year", etc.

→ Open ended answers had extra spaces → Used trim function.

TASK 4 : Write a short note on ethical considerations while collecting personal data.

TASK 4 : When collecting any personal or sensitive information from students, the following ethical principals were followed :

(1) Informed Consent : Respondents were clearly informed at the start of the survey that participation is voluntary and responses are anonymous.

(2) Anonymity & confidentiality : No names, roll numbers, email IDs, or any identifiable information were collected. Data is stored securely and will be deleted after the assignment is graded.

(3) Purpose Limitation : Data is collected solely for academic/assignment purposes and will not be used for any other reason or shared with third parties.

(4) Minimization : Only data necessary to measure student satisfaction was collected.

(5) Transparency : Respondents can see exactly what questions are being asked ; no hidden fields or tracking.

(6) Right to withdraw : Although responses are anonymous, participants were told they can simply close the form if they change their mind.

TASK 2 : Collect 10-15 responses (real or simulated) and store them in a spreadsheet.

TASK 2 : I created the survey using google forms and collected 12 responses .

Task 9 :-

Response ID	Year	Teaching Library	Canteen	Wi-Fi	Safety	Extra-curricular	Admin Response	Best thing	Suggestions
01.	2nd	4	3	2	5	4	3	Friendly Teachers	Better canteen food
02.	3rd	5	5	4	4	5	5	Great clubs	Faster Wi-Fi
03.	1st	3	2	1	2	4	3	Campus is beautiful	More parking space
04.	2nd	4	4	3	3	5	4	Good faculty	Cheaper food
05.	4th	5	5	5	5	5	5	Everything is good	Nothing
06.	1st	2	3	2	1	3	2	Sports facilities	Improve Wi-Fi and admin response
07.	2nd	4	4	3	4	4	4	Location	More events
08.	3rd	4	3	3	5	4	3	Senior help	Clean washrooms
09.	2nd	4	3	2	5	5	3	Friendly teachers	Better canteen food
10.	1st	3	3	3	4	3	3	New building	More computers in lab
11.	4th	5	5	4	4	5	5	Placement	Increase library hours
12.	2nd	4	4	3	3	5	4	Professors	Affordable food