

NAME - AKSHIT KIRAZLA

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)

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

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TASK 3: 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 stimulated) and store them in a spreadsheet.

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

## TASK 2 :-

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