

# Assignment-2

Name - Jatin Sehrawat

Roll No. - 2501660030

Course - BCA Cybersecurity

Subject - Foundation of  
Data-Driven  
Decision Making

Code - ETSEDD111

Serial No. - 38

## Task-1 Survey Design

Survey : student satisfaction at college

1) What is your age?

- ☐ below 18      ☐ 18-20      ☐ 21-23      ☐ 24+

2) Which program are you enrolled in?

- ☐ BCA    ☐ BBA      ☐ B.com      ☐ BA      ☐ others

3) How satisfied are you with the teaching quantity

- ☐ very satisfied    ☐ satisfied    ☐ neutral  
☐ dissatisfied

4) Rate campus facilities (classroom, wifi, labs etc.)

★ ★ ★ ★ ★ (1 = Poor, 5 = excellent)

5) How likely are you to recommend this college to others?

- ☐ Yes      ☐ maybe      ☐ No

6) Do you feel safe and supported on campus?

☒ Yes    ☐ somewhat    ☐ No

7) Any suggestion for improvement?

Task-2 Collect and store responses

Response ID	Program	teaching quality	facultity Rating	Recomm- mended	supportive campus	suggestion on
1	BCA	satisfied	4	Yes	Yes	more lab time
2	BBA	Neutral	3	maybe	Yes	improve wifi
3	BCA	very satisfied	5	Yes	Yes	good experience
4	B.com	satisfied	4	Yes	somewhat	better parking
5	BA	Dissatisfied	2	No	No	new teachers
6	BCA	Neutral	3	Maybe	Yes	more event
7	BBA	very satisfied	5	Yes	Yes	No suggestions
8	BCA	Satisfied	4	Yes	Yes	upgrade classroom

9	B.Com	satisfied	4	No	Yes	better faculty
10	BA	Very dissatisfied	1	No	No	better faculty

### Task 3: Identify and fix data cleaning Issues

Issue found	Fix applied
Duplicated entry at row 3 & 8	Removed duplicate
Missing suggestion in 7	Replaced with value N/A
Inconsistent values (Yes/ YES / yes)	Standardized to 'Yes'
Rating sometimes entered as ("four")	Converted text to numeric format

### Task-4 Short Note on ethical consideration in data collection.

ethical handling to data ensure privacy; fairness

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and transparency when collecting personal data

- Respondent must give informed consent.
- Data should be used only for academic or intended purpose.
- Personal privacy must be protected by removing names and sensitive identities.
- Data must be stored securely and not shared without permission.
- Participants should have the right to withdraw their participation at any time.