

Grade - 8

Unit - 4

Analyzing Data

1). What is Cyber-Bulling

Use of any internet-linked service to bully, harass or be anti-social to a user

2). Write 4 different types of social media

Blogging
Media Sharing
Networking
Gaming
Instant messaging

3). Describe two ways in which we might use a social network

4). Describe below features of social media

- Profile
- Friend requests
- Followers
- Targeted advertising

5). Explain the difference between Blog and Static web site

6). Write 3 Advantages of Social Media

7). Write 3 Disadvantages of Social Media

8). What is IRC refers to, in terms of social media.

9). Explain IRC technology

10). True or False? More than the half of the world has social media account

11). Explain the three activities can be done to make the spreadsheet document user-friendly

12). Why the Layout and Design tools are used in Spreadsheets

13). What are the Layout and Design tools can be used in Spreadsheets

14). Below information should be collected and propose a suitable Layout in Spreadsheet and draw the layout with data.

1. **Name:** Enter the full name of the individual.
2. **Email:** Enter a valid email address.
3. **Phone Number:** Enter the phone number in a standard format.
4. **Date of Birth:** Enter the date of birth in the format (MM/DD/YYYY).
5. **Category:** Use a predefined list of categories (e.g., A, B, C) to classify the data

Data to be inserted:

John Doe, john@example.com, 123-456-7890, 01/01/1990, A

Jane Smith, jane@example.com, 987-654-3210, 02/02/1992, B

15). What is the difference between Quantitative and Qualitative data

16). What are the formats where the data can be Sorted in Spreadsheets

17). Explain the purpose of using a Template for data entering in Spreadsheets

18). Which tool prevents other users from editing a spreadsheet?

- Insert sheet
- Pivot table
- Protect sheet
- Print area

19). Explain a practical scenario where the author or the creator of the spreadsheet, will protect the spread being edited by the other users.

20). Spreadsheets can only have one worksheet. True or False

21). Explain below three terms

- Data
- Information
- Knowledge

22). Classify the type of below table records according to Data, Information and Knowledge

Type	Example
1).	Raw Scores: 23, 45, 67, 89, 56, 78, 90, 34, 50
2).	Average Score: 56 Highest Score: 90 Lowest Score: 23
3).	Students who studied for more than 2 hours daily scored above 70. Implementing study sessions of at least 2 hours could improve overall class performance.

23). Classify the type of below table records according to Data, Information and Knowledge

Type	Example
1).	Sales increased by 50% during promotional periods. Running promotions can significantly boost sales.
2).	Sales Figures: 100, 200, 150, 300, 250
3).	Total Sales: 1000 Average Sales: 200 Highest Sales: 300

24). Explain Primary Data and Secondary Data

25). What type of data included in column A and B in terms of Primary Data and Secondary Data.

Aspect	A	B
Source	Collected firsthand by the researcher	Collected by someone else and available for use
Purpose	Specific to the researcher's needs	Originally collected for a different purpose
Cost	Often more expensive and time-consuming to collect	Generally less expensive and quicker to obtain
Accuracy	Typically more accurate and relevant to the research	May not be as specific or relevant to the current research
Examples	Surveys, interviews, experiments, observations	Research papers, government reports, company records, online databases