

# 2 Lecture - CS403

## Important Mcqs

1. **Which of the following is true about data?**

- a) It is processed and analyzed to provide meaning
- b) It is organized and structured
- c) It is raw and unprocessed
- d) It is always in a numerical format

**Solution: c) It is raw and unprocessed.**

**What is information?**

- a) Raw and unprocessed facts and figures
- b) A collection of data that has been organized, processed, and interpreted
- c) A list of names and addresses
- d) A random assortment of numbers

**Solution: b) A collection of data that has been organized, processed, and interpreted.**

**Which of the following best describes the relationship between data and information?**

- a) Data and information are the same thing
- b) Data is a subset of information
- c) Information is a subset of data
- d) Data and information are unrelated

**Solution: b) Data is a subset of information.**

**Which of the following is an example of data?**

- a) A report summarizing the company's financial performance
- b) A spreadsheet with customer names and contact information
- c) A graph showing the number of visitors to a website
- d) A presentation outlining marketing strategies

**Solution: c) A graph showing the number of visitors to a website.**

**Which of the following is an example of information?**

- a) A list of employee names and contact information
- b) A table with sales figures for the past month
- c) A chart showing the distribution of ages in a population
- d) A collection of raw survey responses

**Solution: c) A chart showing the distribution of ages in a population.**

**Data can be:**

- a) Meaningful without any interpretation
- b) Interpreted without being organized
- c) Processed without being analyzed
- d) All of the above

**Solution: b) Interpreted without being organized.**

**Which of the following is an example of unstructured data?**

- a) A customer's name and address

- b) A credit card number
- c) A social media post
- d) A product SKU number

**Solution: c) A social media post.**

**Which of the following is true about data mining?**

- a) It is the process of creating data
- b) It is the process of deleting data
- c) It is the process of analyzing data to extract information
- d) It is the process of encrypting data

**Solution: c) It is the process of analyzing data to extract information.**

**Which of the following is an example of a data visualization?**

- a) A bar chart showing the number of customers by region
- b) A list of customer names and addresses
- c) A memo detailing company policies
- d) A spreadsheet with sales figures

**Solution: a) A bar chart showing the number of customers by region.**

**Which of the following is an example of structured data?**

- a) A customer's email address
- b) A tweet from a customer
- c) A photograph of a product
- d) A list of products and their prices

**Solution: d) A list of products and their prices.**