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.