

CBSE CLASS X

Artificial Intelligence (417)

QUESTION PAPER

From previous CBSE Board Exam questions

Code: RQ9C4E

Questions: 6

Maximum Marks: 8

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SELECTIONS USED

Source	Previous-year board
Subject	Artificial Intelligence
Lessons	Statistical Data
Year	2022-2026
Questions selected	6

Composition — Types: 5 MCQ · 2 Short

Q1. § 4.1: No-Code AI for Statistical Data § MS Excel for Statistical Data § Test Yourself (4.2)

[2]

Give names of any two online and any two offline sources of data.

Previously asked in: 2025 104/S Q14

♦ Statistical Data 4.1 No-Code AI for Statistical Data

Q2. § Test Yourself (4.1) § Important concepts in statistics § Test Yourself (4.2)

[1]

For Data Science, data is typically collected in tabular form and stored in various formats. Which of the following is commonly used for storing such tabular data sets?

- (A) SQL databases
- (B) HTML files
- (C) JSON
- (D) NumPy

Previously asked in: 2025 104/S Q2 (vi)

♦ Statistical Data 4.1 No-Code AI for Statistical Data

Q3. § 4.2: Statistical Data: Use Case Walkthrough § Important concepts in statistics § Orange Data Mining

[1]

_____ is a concept to unify statistics, data analysis, machine learning and their related methods in order to understand and analyse actual phenomena with data.

- (a) Computer Vision
- (b) Natural Language Processing
- (c) Data Science
- (d) Computer Science

Previously asked in: 2024 104 Q3 (iii)

♦ Statistical Data 4.1 No-Code AI for Statistical Data

Q4. § Test Yourself (4.1) § Important concepts in statistics § Test Yourself (4.2)**[1]**

For Data Science, usually the data is collected in the form of tables. These tabular datasets can be stored in different formats. Which of the following formats is not used for storing data in a tabular format ?

- (a) CSV
- (b) Website
- (c) SQL
- (d) Spreadsheet

Previously asked in: 2024 104 Q2 (vi)

♦ **Statistical Data** 4.1 No-Code AI for Statistical Data

Q5. § Popular No-Code Tools § Orange Data Mining**[1]**

It is a domain-specific language that is designed for managing data held in different kinds of DBMS (Database Management System). It is particularly useful in handling structured data. Which computer language is this ?

- (A) SQL
- (B) CSV
- (C) Spreadsheet
- (D) TXT

Previously asked in: 2024 104 Q3 (iv)

♦ **Statistical Data** CSV (Comma-Separated Values) File Format

Q6. § Applications of Data Science § 4.2: Statistical Data: Use Case Walkthrough**[2]**

One of the applications of Data Science is Airline Route Planning. List any two tasks that airline companies can do using Data Science.

Previously asked in: 2024 104 Q13

♦ **Statistical Data** 4.2 Statistical Data: Use Case Walkthrough

Q7. § Test Yourself (4.1) § Test Yourself (4.2)**[1]**

Which of the following data science application is not associated with genetics and genomics ?

- (A) To understand the impact of DNA on health.
- (B) To analyze reactions to drugs and disease.
- (C) To find individual biological connection.
- (D) To search the house address of a relative on the Internet.

Previously asked in: 2024 104 Q3 (ii)

♦ **Statistical Data** 4.2 Statistical Data: Use Case Walkthrough

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