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# Q1 AND Q2

**1. Which statement best describes generative AI?**

- a) AI that follows fixed rules only
- b) AI that cannot learn
- c) AI that only stores information
- d) AI that creates new content

**2. Which of the following is an example of traditional AI?**

- a) AI image generator
- b) AI music composer
- c) Spam email filter
- d) AI text writer

## Q3 AND Q4

**3. What is the main role of data science?**

- a) Collecting and analysing data
- b) Writing software code
- c) Making AI decisions
- d) Replacing machine learning

**4. Machine learning is best described as:**

- a) A replacement for artificial intelligence
- b) A way of storing data
- c) A method that allows systems to learn from data
- d) Manual programming only

## Q5 AND Q6

**5. Which statement correctly describes the relationship between the three areas?**

- a) Data science replaces AI
- b) Machine learning uses data prepared by data science
- c) AI cannot work with data
- d) Generative AI does not use machine learning

**6. Why does generative AI require very large data sets?**

- a) To store personal information
- b) To reduce computing power
- c) To avoid training
- d) To learn patterns for content creation

## Q7

**7. Which answer would gain the most marks in an assessment?**

- a) Generative AI is newer than traditional AI
- b) AI is used in many sectors
- c) Traditional AI uses electricity
- d) Generative AI creates content, while traditional AI predicts or classifies data

