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MULTIPLE CHOICE EXERCISE



- The exercise is a 'Multiple Choice' quiz.
- Using a Microsoft Word document, list numbers 1 through to 7 inclusive, ready to place your answer next to it
- Select the single best answer for each question
- For example: if there had been 10 questions and the answer from A, B, C, or D was maybe C then you would just note: 10-D
- That's all there is to it for the 7 questions provided within the next pages and your answers noted on a Word document
- Save the Word document with your answers, naming the file:

6 Exercise MCQ Relations

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

