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Which type of data would be best suited for unsupervised learning techniques?

- ☐ Labeled images for classification
- ☐ Customer feedback with specified categories
- ☒ A dataset of clickstream data without predefined categories
- ☐ Medical records with diagnoses

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Why is it important to consider ethical implications in AI development across all phases?

- ☐ To focus exclusively on technical challenges
- ☒ To ensure AI is used for beneficial purposes
- ☐ To speed up AI deployment into the market
- ☐ To limit AI use to private sectors only

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What does the term 'temperature' refer to in the context of Generative AI models like ChatGPT?

- ☐ The number of neural layers in the model
- ☒ A parameter regulating the randomness of the model's output
- ☐ The computing power required to run the model
- ☐ The speed at which the model generates responses

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What is a characteristic of deep learning that traditional machine learning does not have?

- ☐ It uses decision trees for classification
- ☒ It relies specifically on neural networks
- ☐ It only uses small datasets
- ☐ It is exclusively used for image recognition

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Which of the following best describes Generative AI?

- ☐ Predicts numerical outputs
- ☐ Classifies data into predefined categories
- ☒ Generates new, novel data similar to the data it was trained on
- ☐ Performs calculations faster than traditional computing systems

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In a multi-turn conversation, how does ChatGPT maintain context?

- ☐ By referring back to the previous conversation turns
- ☒ By ignoring earlier parts of the conversation
- ☐ By using a different AI model for each turn
- ☐ By resetting after every response

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What is the primary difference between supervised and unsupervised learning methods?

- ☐ Supervised learning uses labeled data
- ☒ Supervised learning only works with numerical data
- ☐ Unsupervised learning is faster than supervised learning
- ☐ Unsupervised learning uses labeled data

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How does reinforcement learning improve the performance of AI models like ChatGPT?

- ☐ By exposing the model only to positive feedback
- ☒ By adjusting the model based on human ratings of multiple outputs
- ☐ By simplifying the model's algorithms
- ☐ By minimizing the training data

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How might you use ChatGPT to improve the efficiency of drafting emails?

- ☐ By automating email scheduling
- ☒ By generating initial drafts that can be refined
- ☐ By setting up email networks
- ☐ By translating emails into multiple languages

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How can ChatGPT potentially assist in a business setting?

- ☐ By physically handling logistics
- ☒ By generating creative content for marketing
- ☐ By managing payroll accounts
- ☐ By setting up network infrastructure

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