

## Generative AI Quiz

### **Easy:**

1. What is the primary goal of Generative AI?
  - a) Making predictions
  - b) Generating new and original content
  - c) Mimicking human decision-making
  
2. Which technique is often used in Generative AI to create content?
  - a) Reinforcement Learning
  - b) Generative Adversarial Networks (GANs)
  - c) Support Vector Machines (SVM)
  
3. What is a common application of Generative AI in the fashion industry?
  - a) Forecasting sales
  - b) Creating realistic images and designs
  - c) Analyzing customer reviews

### **Intermediate:**

4. In Generative Adversarial Networks (GANs), what is the role of the "generator"?
  - a) Identifying fake content
  - b) Creating fake content
  - c) Evaluating content quality
  
5. How do Generative AI models adjust the diversity of their outputs in text generation?
  - a) By changing the training dataset
  - b) By adjusting the "temperature" parameter
  - c) By using larger model architectures
  
6. What is a significant challenge in controlling the output of Generative AI models?
  - a) Lack of training data
  - b) Complex model architectures

c) Overfitting to the training data

### **Advanced:**

7. What is the "discriminator" in a GAN responsible for?

- a) Generating content
- b) Evaluating content quality
- c) Controlling diversity

8. How can biases be introduced into Generative AI models?

- a) Through the choice of activation functions
- b) Through biases present in the training data
- c) Through adjusting the learning rate

9. What is the limitation of Generative AI models related to data dependency?

- a) They don't require training data.
- b) They perform best with limited data.
- c) They require substantial and diverse training data.

10. What resource-intensive aspect limits the accessibility of complex generative models?

- a) Model interpretability
- b) Training and computational resources
- c) The size of the training dataset

### **Answers:**

**Easy:** 1-b, 2-b, 3-b

**Intermediate:** 4-b, 5-b, 6-b

**Advanced:** 7-b, 8-b, 9-c, 10-b