



Your grade: 100%

Your latest: 100% • Your highest: 100% • To pass you need at least 60%. We keep your highest score.

Next item →

1. Which tool is used for synthetic tabular data generation?

1 / 1 point

- ☐ Jukebox
- ☒ GAN
- ☐ DALL-E
- ☐ OpenAI's GPT

✓ Correct

Correct! GANs, a well-known generative modeling technique, create realistic data samples.

2. Which tool is used for image data augmentation?

1 / 1 point

- ☒ Neural style transfer
- ☐ StyleGAN
- ☐ Dialogflow
- ☐ Magenta

✓ Correct

Correct! Neural style transfer allows the artistic transformation of images based on the style of one image and the content of another.

3. In which phase of the data science lifecycle will you extract patterns and insights from the data by selecting and training appropriate machine learning algorithms?

1 / 1 point

- ☐ Problem definition and business understanding
- ☐ Model evaluation and validation
- ☐ Data acquisition and collection
- ☒ Modeling and feature engineering

✓ Correct

Correct! In this phase, you will extract patterns and insights from the data by selecting and training appropriate machine learning algorithms.

4. Which generative AI model consists of two neural networks, generator, and discriminator?

1 / 1 point

- ☐ VAEs
- ☒ GANs
- ☐ GPT-3
- ☐ Autoregressive

✓ Correct

Correct! GANs consist of two neural networks, generator, which produces increasingly realistic data and discriminator, which distinguishes between real and fake samples.

5. Which generative AI tool enables human-like interactions through chatbots, assistants, and avatars?

1 / 1 point

- ☐ SDV
- ☒ Dialogflow
- ☐ StyleGAN
- ☐ Jukebox

✓ **Correct**

Correct! Dialogflow effectively builds conversational AI.