Your grade: 100%

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

[Next item →]

1. How does Synthetic Data Vault (SDV) augment structured data set? 1 / 1 point

   ○ By generating code snippets

   ○ By synthesizing new audio samples

   ○ By generating high-resolution, realistic images

   ⦿ By generating synthetic data

   ⊘ **Correct**
   Correct! Synthetic Data Vault (SDV) tool generates synthetic data that mimics the statistical traits and correlations seen in the original data.

2. Which of the following tools is used to augment the unstructured data set? 1 / 1 point

   ⦿ BigGAN

   ○ SDV

   ○ GauGAN

   ○ CTGAN

   ⊘ **Correct**
   Correct! Unstructured data includes images and audio. BigGAN has remarkable capabilities in augmenting image data sets by generating high-resolution, realistic images.

3. How does generative AI make it easier to query databases? 1 / 1 point

   ○ Applies conditions to data

   ○ By organizing data

   ⦿ Enables users to query databases in natural language

   ○ Makes the data sequential

   ⊘ **Correct**
   Correct! By enabling users to query databases in natural language, generative AI can make it easier for people to access and understand data.

4. Which of the following SQL queries will generate if you type "What is the count of rows in the Boston_house_price data set" in the prompt box of a generative AI SQL query tool? 1 / 1 point

   ○ SELECT COUNT * Boston_house_price

   ○ SELECT * FROM Boston_house_price

   ⦿ SELECT COUNT * FROM Boston_house_price

   ○ SELECT COUNT FROM Boston_house_price

   ⊘ **Correct**
   Correct! To retrieve the count of rows in a database, you can use the following SQL statement: SELECT COUNT * FROM <database name>.

5. What do you mean by data preparation?

○ Visualizing the data

○ Querying the data

○ Uploading the data

◉ Cleaning, transforming, and organizing raw data

⊘ **Correct**
Correct! Data preparation involves cleaning, transforming, and organizing raw data.