Your grade: 100%

Your latest: **100%** · Your highest: **100%** · To pass you need at least 66%. We keep your highest score.

Next item →

1. You have the task of defining the role of a data scientist for a retail company that seeks to improve its product offerings and marketing strategies. In this context, a data scientist would primarily engage in which activity?

   1 / 1 point

   ○ Creating artistic visualizations for in-store displays to attract customers.

   ◉ Analyzing customer purchase data to identify trends and tailor product recommendations.

   ○ Developing algorithms to predict future stock market trends for investment decisions.

   ○ Conducting biological experiments to enhance the quality of retail products.

   ✓ **Correct**
   Correct! Data Science can help analyze customer data to uncover trends and make informed marketing and product decisions.

2. What is a key characteristic that defines a data scientist?

   1 / 1 point

   ◉ A curious mind, fluency in analytics, and effective communication of findings characterize a data scientist.

   ○ A data scientist is primarily defined by their proficiency in machine learning and black-box algorithms, according to some experts in the field.

   ○ A data scientist is someone who can process large data sets quickly and has a strong distrust of statistical models, according to Dr. Vincent Granville.

   ○ According to the discussion on big data, a data scientist must meet certain arbitrary thresholds related to data size or use specific tools like Hadoop.

   ✓ **Correct**
   Correct! These are key characteristics that define a data scientist.

3. Dr. Vincent Granville defines a data scientist as someone who relies solely on statistical models for data analysis.

   1 / 1 point

   ○ True

   ◉ False

   ✓ **Correct**
   This option is correct. Dr. Vincent Granville's definition, as presented, does not describe a data scientist as someone who relies solely on statistical models for data analysis.