# Quiz

# V for the V's of Big Data

1. Amazon has been collecting review data for a particular product. They have realized that almost 90% of the reviews were mostly a 5/5 rating. However, of the 90%, they realized that 50% of them were customers who did not have proof of purchase or customers who did not post serious reviews about the product. Of the following, which is true about the review data collected in this situation?

   **1 / 1 point**

   ○ Low Valence

   ○ High Valence

   ○ Low Volume

   ○ High Veracity

   ○ High Volume

   ◉ Low Veracity

   > ✓ **Correct**
   > See this video for examples of this concept.

2. As mentioned in the slides, what are the challenges to data with a high valence?

   **1 / 1 point**

   ◉ Complex Data Exploration Algorithms

   ○ Difficult to Integrate

   ○ Reliability of Data

   > ✓ **Correct**
   > See this video to review.

3. Which of the following are the 6 V's in big data? **1 / 1 point**

☑ Variety

> ✓ **Correct**
> See [this video](#) to review.

☑ Velocity

> ✓ **Correct**
> See [this video](#) to review.

☑ Volume

> ✓ **Correct**
> See [this video](#) to review.

☐ Vision

☑ Value

> ✓ **Correct**
> See [this video](#) to review.

☑ Valence

> ✓ **Correct**
> See [this video](#) to review.

☑ Veracity

> ✓ **Correct**
> See [this video](#) to review.

4. What is the veracity of big data? **1 / 1 point**

◉ The abnormality or uncertainties of data.

◯ The speed at which data is produced.

◯ The size of the data.

◯ The connectedness of data.

> ✓ **Correct**
> See [this video](#) to review.

5.  What are the challenges of data with high variety?   **1 / 1 point**

○ The quality of data is low.

⦿ Hard to integrate.

○ Hard to perform emergent behavior analysis.

○ Hard in utilizing group event detection.

✓ **Correct**
See [this video](#) to review.


6.  Which of the following is the best way to describe why it is crucial to process data in real-time?   **1 / 1 point**

⦿ Prevents missed opportunities.

○ More accurate.

○ Batch processing is an older method that is not as accurate as real-time processing.

○ More expensive to batch process.

✓ **Correct**
See [this video](#) to review.


7.  What are the challenges with big data that has high volume?   **1 / 1 point**

⦿ Cost, Scalability, and Performance

○ Speed Increase in Processing

○ Effectiveness and Cost

○ Storage and Accessibility

✓ **Correct**
See [this video](#) to review.