# Data Integration Do’s and Don’ts

## Question:

Categorize the following statements as \*\*True\*\* or \*\*False\*\* when discussing data integration.

## Correct Classification:

### False:

1. Automated testing and proactive alerts are not needed.

2. All your data has to be updated in real-time in the final view.

### True:

1. You should be careful choosing a hand-coded solution because of maintenance cost.

2. Data in the final view can be updated in different intervals.

3. Data integration should be business-driven, e.g., what combination of data will be useful for the business.

4. My source data can be in different formats and database management systems.

## Explanation:

Automated testing and proactive alerts are \*\*necessary\*\* in data integration to prevent data corruption or modification. Similarly, real-time updates are \*\*not always required\*\*; data can be updated in batches depending on business needs. On the other hand, considerations such as maintenance costs, business-driven integration, and handling multiple formats are \*\*true\*\* best practices for successful data integration.