✓ **Congratulations! You passed!**
TO PASS 70% or higher

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GRADE
100%

Graded Quiz

LATEST SUBMISSION GRADE
100%

1. What does a typical data wrangling workflow include?   `1 / 1 point`

   ○ Predicting probabilities

   ◉ Validating the quality of the transformed data

   ○ Using mathematical techniques to identify correlations in data

   ○ Recognizing patterns

   > ✓ **Correct**
   > Validating the quality of transformed data is an essential step in a data wrangling workflow.

2. OpenRefine is an open-source tool that allows you to: `1 / 1 point`

   ○ Automatically detect schemas, data types, and anomalies

   ◉ Transform data into a variety of formats such as TSV, CSV, XLS, XML, and JSON

   ○ Enforces applicable data governance policies automatically

   ○ Use add-ins such as Microsoft Power Query to identify issues and clean data

   > ✓ **Correct**
   > Using OpenRefine, you can transform data into a wide variety of formats such as TSV, CSV, XLS, XML, and JSON.

3. What is one of the steps in a typical data cleaning workflow?   `1 / 1 point`

   ○ Building classification models

   ○ Establishing relationships between data events

   ○ Clustering data

   ◉ Inspecting data to detect issues and errors

   > ✓ **Correct**
   > Inspecting data to detect issues and errors is one of the first steps in a typical data cleaning workflow.

4. When you're combining rows of data from multiple source tables into a single table, what kind of data transformation are you performing?   `1 / 1 point`

   ○ Normalization

   ○ Denormalization

   ○ Joins

   ◉ Unions

   > ✓ **Correct**
   > Unions are a common structural transformation used for combining rows of data from multiple source tables.

5. When you detect a value in your data set that is vastly different from other observations in the same data set, what would you report that as?   `1 / 1 point`

   ◉ Outlier

   ○ Syntax error

○ Irrelevant data

○ Missing value

✓ **Correct**
Outliers are values in your data set that may be vastly different from other values in the same data field.

○ Irrelevant data

○ Missing value

✓ **Correct**
Outliers are values in your data set that may be vastly different from other values in the same data field.