

Your grade: 100%

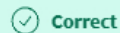
Your latest: **100%** • Your highest: **100%** • To pass you need at least 70%. We keep your highest score.

[Next item →](#)

1. Web scraping is used to extract what type of data?

1 / 1 point

- ☒ Text, videos, and images
- ☐ Text, videos, and data from relational databases
- ☐ Images, videos, and data from NoSQL databases
- ☐ Data from news sites and NoSQL databases



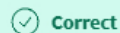
Correct

Web scraping is used for extracting text, videos, and images from the web.

2. _____ focuses on cleaning the database of unused data and reducing redundancy and inconsistency.

1 / 1 point

- ☒ Normalization
- ☐ Denormalization
- ☐ Data Profiling
- ☐ Data Visualization



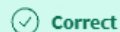
Correct

Normalization cleanses the database of unused data and inconsistencies in data that is coming from multiple sources.

3. OpenRefine is an open-source tool that allows you to:

1 / 1 point

- ☐ Use add-ins such as Microsoft Power Query to identify issues and clean data
- ☒ Transform data into a variety of formats such as TSV, CSV, XLS, XML, and JSON
- ☐ Automatically detect schemas, data types, and anomalies
- ☐ Enforces applicable data governance policies automatically



Correct

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

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

- ☒ Unions
- ☐ Joins
- ☐ Normalization
- ☐ Denormalization



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.