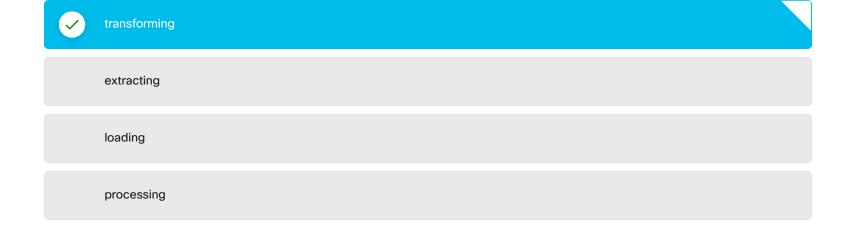# 3.5.2 Preparing and cleaning data for Analysis Quiz

Question 1

What term is used for the process of conditioning data into a form that can be analyzed?

✓ transforming

extracting

loading

processing

Question 2

What task is performed as part of the loading process in data preparation?

✓ transferring the data into a database

providing values for missing data

collecting and recording the data

locating and removing duplicate data

Question 3

Which two tasks are part of the transforming data process? (Choose two.)

collecting data required to perform the analysis

✓ reviewing the data and addressing erroneous or missing values
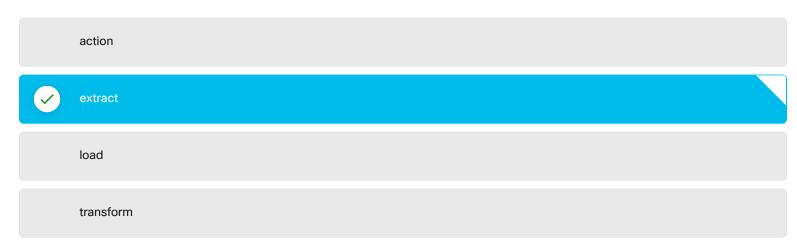
✓ eliminating the data that is not relevant to the analysis question to be answered

creating visual representations of the data

presenting the knowledge gained from the data

Question 4

In a data analysis project, which process gathers all grades for students enrolled in a college course?

action

✓ extract

load

transform

Question 5

What is a characteristic of open data?

- ✓ data that lacks intellectual property restrictions

- data that lacks predefined organization

- data that does not need to be stored

- data that does not generate new knowledge

Question 6

An analyst is reviewing gathered data from various sources and modifying incompatible metrics into a usable form. In which ETL step would this task be completed in?

action

extract

load

transform

Question 7

What are Web scrapping tools used for in big data analytics?
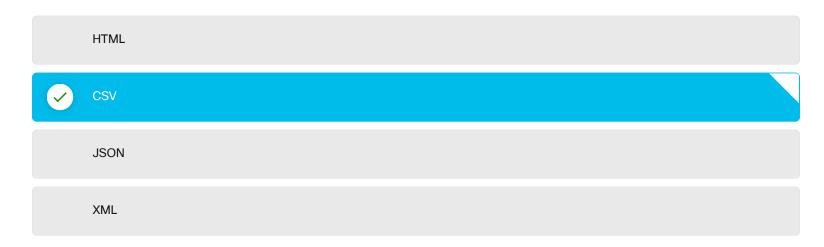
✓ to automatically extract data from HTML pages

to provide standardized interfaces for data collection

to store real-time data in its original format

to create historical record of everything and anything that happens within a system, including events such as transactions, errors, or intrusions

Question 8

Which universal file format is organized in rows and has the columns separated by a delimiter character?

HTML

✓ CSV

JSON

XML

Question 9

Which two methods are used to collect unstructured data for analysis? (Choose two.)

querying a relational database

✓ using a web-scraping tool

copying a spreadsheet

✓ obtaining data through an API

downloading a CSV file

Question 10

What are two important considerations when selecting data for an analysis project? (Choose two.)

✓ the data is relevant to the original business question

the data must be free and unlicensed

✓ the data is current and updated frequently

the data can be downloaded from the internet

the data is not being streamed live

You've submitted your answers!