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.)
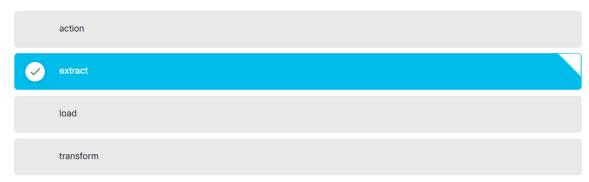
- collecting data required to perform the analysis
- ✓ reviewing the data and addressing erroneous or missing values
- ✓ eliminating the data that is not relevant to the analysis question to be answered
- creating visual representations of the data
- presenting the knowledge gained from the data

Question 4

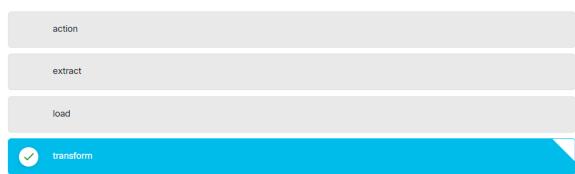In a data analysis project, which process gathers all grades for students enrolled in a college course?

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
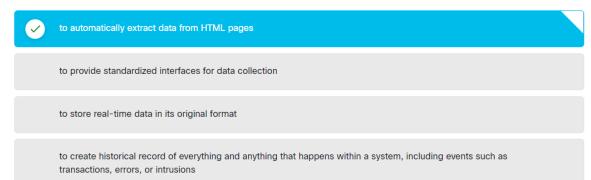
data that does not generate new knowledge

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