Quizlet

Technology in Action - Chapter 11

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STUDY

📘 **Flashcards**

🔄 Learn

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PLAY

🃏 Match

➕   📋 it

katie

Key concepts:

| Natural Language Processing | | Real Time Processing | | Transaction Processing System |

Terms in this set (46)

Data redundancy ensures that the data contained in the database is accurate and reliable. True or False?	False
A large data mart might require a database administrator to design, construct, and maintain it. True or False?	False
A group of related records is	True

called a table. True or False?	

An employee's ID number, name, company, position, address, city, state and Zip Code make up a record. True or False?	True

When using Access, the text of the Gettysburg Address would be stored in a short text field. True or False?	False

Employees' last names would usually make an appropriate primary-key field. True or False?	False

Normalization means that there are no data entry errors in a database. True or False?	False

In a relational database, when two tables have a common field, the link between the tables is known as a hyperlink. True or False?	False

A database schema defines the name, data type, and length of each field in the database. True or False?	True

A last name field is an example of a friend that should have a default value. True or False?	False

Most databases can import electronic data from other software applications.	True

True or False?	

| A filter is limited to extracting data from a single table.

True or False? | True |

| The information in a data mart spans an entire enterprise.

True or False? | False |

| Real-time processing means that transactions are updated when they occur.

True or False? | True |

| A summary report provides a list of the transactions that occurred during a specified time period.

True or False? | False |

| Data mining analyzes and investigates large amounts of data with the intention of discovering significant patterns or trends.

True or False? | True |

| A _____ is a group of related data that can be stored, sorted, organized, and queried.

a) database
b) macro
c) spreadsheet
d) memo | database |

| If a school keeps two lists, one for student registration and one for student financial information, both containing name and address information, this is an example of data _____.

a) redundancy | redundancy |

b) completeness
c) integrity
d) normalization

Data _____ ensures that the data contained in a database is accurate and reliable. a) consistency b) redundancy c) efficiency d) integrity	integrity
Data _____ helps to ensure data integrity by maintaining information in only one place. a) centralization b) flexibility c) redundancy d) mapping	centralization
21 in a database, the term _____ is synonymous with a category of information. a) record b) table c) row d) field	field
In a database, a group of related records is referred to as a(n) _____. a) memo b) object c) field d) table	table
In a Microsoft Access database, the Gettysburg Address would be stored in a(n) _____ field. a) text b) short text c) long text d) object	long text
You can set a _____, which is automatically displayed in a field unless the user enters	default value

something different.

a) field type
b) default value
c) numeric check
d) relation

Which of the following is NOT a likely primary key?

a) Driver's license number
b) Social Security number
c) Date of birth
d) Student ID number

Date of birth

_____ is used to ensure that data is organized more efficiently.

a) Range checking
b) Normalization
c) Validation
d) Consistency checking

Normalization

_____ databases are the most frequently used electronic databases.

a) Multidimensional
b) Flat-file
c) Object-oriented
d) Relational

Relational

A _____ relationship indicates that for each record in a table, there is only a single corresponding record in a related table.

a) many-to-many
b) one-to-one
c) many-to-one
d) one-to-many

one-to-one

_____ means that for each value in the foreign key of one table, there is a corresponding value in the primary key of another table.

a) Database consistency
b) Record integrity
c) Normalization
d) Referential integrity

Referential integrity

Nontraditional data such as audio clips, video clips, pictures, and very large documents are called _____ data. a) enterprise b) unstructured c) multidimensional d) structured	unstructured
Data in a multidimensional database is organized in a _____ format. a) cube b) linear d) modular c) cellular	cube
A _____ check would be used to restrict the fines for speeding violations from $50 to $250. a) completeness b) range c) consistency d) numeric	range
A(n) _____ check determines whether a required field such as LastName was filled in a) consistency b) completeness c) range d) alphabetic	completeness
A _____ check compares the values of data in two or more fields to see whether those values are reasonable. a) correctness b) numeric c) consistency d) range	consistency
You would use a _____ to temporarily display records of residents of the city of Boston.	filter

a) sieve
b) validation rule
c) filter
d) field constraint

A(n) _____ is a way of retrieving
information from one or more
tables that defines a particular
subset of data.

a) query
b) enquiry
c) validation rule
d) field constraint

query

A _____ displays a subset of data
from a table (or tables) based
on the specified criteria

a) join query
b) table query
c) select query
d) criteria query

select query

SQL uses _____ to extract
records from a database by
using English-like expressions
that have variables and
operations.

a) relational algebra
b) primary keys
c) Boolean algebra
d) foreign keys

relational algebra

_____ involves putting data into
an electronic file in a format that
another application can
recognize.

a) Enhancing
b) Extracting
c) Exporting
d) Importing

Exporting

A data _____ is a large-scare
electronic repository of data
that contains and organizes all
of an organization's data in one
place.

a) mart
b) storehouse

warehouse

c) chain
d) warehouse

Data staging consists of all of the following steps EXCEPT _____ a) extracting the data b) transforming the data c) mining the data d) storing the data in a warehouse	mining the data
A(n) _____ is designed to improve communications and help employees complete their routine tasks. a) office support system (OSS) b) decision support system (DSS) c) transaction-processing system (TPS) d) management information system (MIS	office support system (OSS)
In a transaction-processing system (TPS), if the TPS database can be queried and updated while the transaction is taking place, this is called _____ processing. a) real-time b) immediate c) direct d) batch	real-time
Management information systems (MIS) provide reports called _____ reports, which show conditions that are unusual or need attention from users of the system. a) exception b) expert c) summary d) detail	exception
The Siri personal assistant application on Apple's iPhone 5s in an example of a _____.	natural language processing (NLP) system

a) management information
system (MIS
b) database management
system (DBMS)
c) natural language processing
(NLP) system
d) decision support system
(DSS)

_____ is the branch of computer
science that attempts to create
computers that think like
humans.

a) Natural language processing
b) Enterprise resource planning
c) Artificial intelligence
d) Expert systems

Artificial intelligence

THIS SET IS OFTEN IN FOLDERS WITH...

Technology in Action - Chapter 12

45 terms

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Technology in Action - Chapter

45 terms

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Technology in Action - Chapter 10

45 terms

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Technology in Action - Chapter

43 terms

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