SQL Worksheet

Answer- 1   d- alter

Answer-2   d-drop

Answer-3   b- structured query language

Answer-4   b- data definition language

Answer-5   a- data manipulation language

Answer-6   C) Create Table A (B int,C float

Answer-7 d) none of them

Answer-8 b) Alter Table A Drop Column D

Answer-9 b) Alter table A Alter column D int

Answer-10 A) Alter Table A Add Constraint Primary Key B

Answer-11

A Data reposition (DW) is method for collection and managing information from varied sources to supply purposeful business insights. {a information|a knowledge|an information} warehouse is usually accustomed connect and analyze business data from heterogeneous sources. {the information|the info|the information} warehouse is that the core of the bismuth system that is made for data analysis and reportage.

It is a mix of technologies and parts that aids the strategic use of information. it's electronic storage of an outsized quantity of data by a business that is intended for question and analysis rather than dealing process. it's a method of reworking information into data and creating it accessible to users in a very timely manner to form a distinction

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Answer-12

Online Analytical process (OLAP): on-line Analytical process consists of a sort of software system tools that ar used for knowledge analysis for business selections. OLAP provides AN surroundings to induce insights from the information retrieved from multiple information systems at just one occasion. Examples – Any sort of knowledge warehouse system is AN OLAP system. The uses of OLAP ar as follows:

Spotify analyzed songs by users to come back up with a customized homepage of their songs and list.

Netflix flick recommendation system.

Online dealings process (OLTP): on-line dealings process provides transaction-oriented applications in an exceedingly 3-tier design. OLTP administers the every day transactions of a company.

Examples: Uses of OLTP ar as follows:

ATM center is AN OLTP application.

OLTP handles the ACID properties throughout knowledge transactions via the appliance.

It's additionally used for on-line banking, on-line airline price ticket booking, causation a text message, add a book to the pushcart.

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Data warehouse is controlled once the user includes a shared approach of explaining the trends that area unit introduced as specific subject. Below area unit major characteristics of knowledge warehouse:

Subject-oriented –

A data warehouse is often a subject matter headed because it delivers info a few theme rather than organization's current operations. It is achieved on specific theme. meaning the information deposition method is projected to handle with a selected theme that is additional outlined. These themes is sales, distributions, promoting etc.

Integrated –

It is somewhere same as subject orientation that is formed in an exceedingly reliable format. Integration suggests that creation a shared entity to scale the all similar information from the various databases. {the information|the info|the information} additionally needed to be resided into numerous data warehouse in shared and usually granted manner.

Time-Variant –

In this information is maintained via totally different intervals of your time like weekly, monthly, or annually etc. It founds numerous cut-off date that area unit structured between the big datasets and area unit command in on-line dealings method (OLTP). The limits for information warehouse is wide-ranged than that of operational systems. {the information|the info|the info} resided in data warehouse is predictable with a selected interval of your time and delivers information from the historical perspective. It includes parts of your time expressly or implicitly. Another feature of time-variance is that when information is hold on within the information warehouse then it can't be changed, alter, or updated.

Non-Volatile –

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As the name defines {the information|the info|the information} resided in data warehouse is permanent. It additionally implies that information isn't erased or deleted once new information is inserted. It includes the mammoth amount of knowledge that's inserted into modification between the chosen amount on logical business. It evaluates the analysis among the technologies of warehouse.

Answer-14

A star schema may be a info structure structure optimized to be used during a knowledge warehouse or business intelligence that uses one massive truth table to store transactional or measured knowledge, and one or additional smaller dimensional tables that store attributes concerning the info. it's known as a star schema as a result of the actual fact table sits at the middle of the multidimensional language, and also the tiny dimensional tables branch off to make the points of the star.

Answer-15

SETL (SET Language) may be a terribly high-level artificial language supported the mathematical theory of sets. it had been originally developed by (Jack) Jacob T. Schwartz at the the big apple University (NYU) Courant Institute of Mathematical Sciences within the late Nineteen Sixties.

SETL provides 2 basic mixture knowledge types: unordered sets, and sequences (the latter conjointly referred to as tuples). the weather of sets and tuples may be of any impulsive kind, as well as sets and tuples themselves. Maps ar provided as sets of pairs (i.e., tuples of length 2) and may have impulsive domain and vary sorts. Primitive operations in SETL embrace set membership, union, intersection, and power set construction, among others.

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SETL provides quantified Boolean expressions made mistreatment the universal and existential quantifiers of first-order predicate logic.

SETL provides many iterators to supply a range of loops over mixture knowledge structures.