Quizlet

BUSINESS INTELLIGENCE (WEEK 12)

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Key concepts:

Random Access Memory   Databases   Relational Database

Terms in this set (16)

business intelligence	using data to make informed business decisions

two types of business decisions	operation and strategic/tactical
operational data	stored in relational database, optimised to support transactions representing daily operations
decision support database	specialised DBMS to provide fast answers to complex queries
how to scale database	purchase bigger 'boxes', increase number of processors, distribute the database
Characteristics of NoSQL	open source, distributed, no fixed schema
database structures to support fast data processing	non-relational database, distributed file systems
parallel computers	single machine with many CPUs
cluster of computers	multiple machines connected via a network
parallel data processing	a method of simultaneously breaking up and running program tasks on multiple microprocessors to reduce processing speed
in-memory database	A DBMS that stores the entire database in random access memory (RAM).

distributed file system	any file system that allows access to files from multiple hosts sharing via a computer network
non-relational database	Developed to handle large data sets of data that is not easily organized in a relational model (no update, append only)
characteristics of data warehouses	subject oriented, integrated, time variant, nonvolatile, large
disadvantages of data warehouses	requires time, money and effort
data sources in decision support databases	flat files, relational, network, hierarchical, multiple vendors

THIS SET IS OFTEN IN FOLDERS WITH...

Database concepts (Week 1)

31 terms

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THE RELATIONAL MODEL (WEEK 2)

16 terms

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ER MODEL (WEEK 3)

28 terms

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NORMALISATION (WEEK 5)

14 terms

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