

Business Intelligence Guidebook From Data

Conceptual schema

2014). *Business Intelligence Guidebook: From Data Integration to Analytics*. Elsevier Science. ISBN 978-0-12-411461-6.
Tupper, Charles (2011). *Data Architecture:*

A conceptual schema or conceptual data model is a high-level description of informational needs underlying the design of a database. It typically includes only the core concepts and the main relationships among them. This is a high-level model with insufficient detail to build a complete, functional database. It describes the structure of the whole database for a group of users. The conceptual model is also known as the data model that can be used to describe the conceptual schema when a database system is implemented. It hides the internal details of physical storage and targets the description of entities, datatypes, relationships and constraints.

Data

described as data insights or intelligence. The stock of insights and intelligence that accumulate over time resulting from the synthesis of data into information

Data (DAY-tə, US also DAT-ə) are a collection of discrete or continuous values that convey information, describing the quantity, quality, fact, statistics, other basic units of meaning, or simply sequences of symbols that may be further interpreted formally. A datum is an individual value in a collection of data. Data are usually organized into structures such as tables that provide additional context and meaning, and may themselves be used as data in larger structures. Data may be used as variables in a computational process. Data may represent abstract ideas or concrete measurements.

Data are commonly used in scientific research, economics, and virtually every other form of human organizational activity. Examples of data sets include price indices (such as the consumer price index), unemployment...

Information system

(the guidebook for a card catalog). Data: Data are facts that are used by systems to produce useful information. In modern information systems, data are

An information system (IS) is a formal, sociotechnical, organizational system designed to collect, process, store, and distribute information. From a sociotechnical perspective, information systems comprise four components: task, people, structure (or roles), and technology. Information systems can be defined as an integration of components for collection, storage and processing of data, comprising digital products that process data to facilitate decision making and the data being used to provide information and contribute to knowledge.

A computer information system is a system, which consists of people and computers that process or interpret information. The term is also sometimes used to simply refer to a computer system with software installed.

"Information systems" is also an academic field...

Counterintelligence

Counterintelligence (counter-intelligence) or counterespionage (counter-espionage) is any activity aimed at protecting an agency's intelligence program from an opposition's

Counterintelligence (counter-intelligence) or counterespionage (counter-espionage) is any activity aimed at protecting an agency's intelligence program from an opposition's intelligence service. It includes gathering information and conducting activities to prevent espionage, sabotage, assassinations or other intelligence activities conducted by, for, or on behalf of foreign powers, organizations or persons.

Many countries will have multiple organizations focusing on a different aspect of counterintelligence, such as domestic, international, and counter-terrorism. Some states will formalize it as part of the police structure, such as the United States' Federal Bureau of Investigation (FBI). Others will establish independent bodies, such as the United Kingdom's MI5, others have both intelligence...

Object hyperlinking

applications. The publishers of the Lonely Planet guidebooks are issuing yellow arrows with one of their guidebooks and encouraging travelers to leave tags to

Object hyperlinking is extending the Internet to objects and locations in the real world. Object hyperlinking aims to extend the Internet to the physical world by attaching tags with URLs to tangible objects or locations. These object tags can then be read by a wireless mobile device and information about objects and locations retrieved and displayed.

However, object hyperlinking may also be sensible for contexts other than the Internet (e.g. with data objects in data base administering or with text content management).

Caswell Silver

Geological Society Guidebook, 1951. Caswell Silver. "Stratigraphic Possibility in the San Juan Basin", New Mexico

Geological Society Guidebook, 1951. Parry

Caswell Silver (June 25, 1916 – October 18, 1988) was an American geologist and entrepreneur who was President of Sundance Oil Company from 1960 to 1984. In addition to the business of oil and gas exploration, he was active in the American Association of Petroleum Geologists and published original research on petroleum geology. He endowed the Caswell Silver Foundation at the University of New Mexico.

Dimensional modeling

the Business Dimensional Lifecycle methodology developed by Ralph Kimball which includes a set of methods, techniques and concepts for use in data warehouse

Dimensional modeling is part of the Business Dimensional Lifecycle methodology developed by Ralph Kimball which includes a set of methods, techniques and concepts for use in data warehouse design. The approach focuses on identifying the key business processes within a business and modelling and implementing these first before adding additional business processes, as a bottom-up approach. An alternative approach from Inmon advocates a top down design of the model of all the enterprise data using tools such as entity-relationship modeling (ER).

DIKW pyramid

Winston. p. 206. ISBN 978-0-03-081836-3. Adler, Mortimer Jerome (1986). A Guidebook To Learning For The Lifelong Pursuit Of Wisdom. Collier Macmillan. p. 11

The DIKW pyramid, also known variously as the knowledge pyramid, knowledge hierarchy, information hierarchy, DIKW hierarchy, wisdom hierarchy, data pyramid, and information pyramid, sometimes also stylized as a chain, refer to models of possible structural and functional relationships between a set of components—often four, data, information, knowledge, and wisdom—models that had antecedents prior to the 1980s. In the latter years of that decade, interest in the models grew after explicit presentations and discussions, including from Milan Zeleny, Russell Ackoff, and Robert W. Lucky. Subsequent important discussions extended along theoretical and practical lines into the coming decades.

While debate continues as to actual meaning of the component terms of DIKW-type models, and the actual nature...

Oracle Corporation

system integration, business process management (BPM), user interaction, content management, identity management and business intelligence (BI) products. Oracle

Oracle Corporation is an American multinational computer technology company headquartered in Austin, Texas. Co-founded in 1977 in Santa Clara, California, by Larry Ellison, who remains executive chairman, Oracle Corporation is the fourth-largest software company in the world by market capitalization as of 2025. Its market value was approximately US\$720.26 billion as of August 7, 2025. The company's 2023 ranking in the Forbes Global 2000 was 80.

The company sells database software (particularly the Oracle Database), and cloud computing software and hardware. Oracle's core application software is a suite of enterprise software products, including enterprise resource planning (ERP), human capital management (HCM), customer relationship management (CRM), enterprise performance management (EPM...

Jason Healey

twenty cyber policy experts to follow on Twitter. Cyber Security Policy Guidebook (2012), co-author, published by John Wiley & Sons (ISBN 9781118241325)

Jason Healey is an American senior research scholar and adjunct professor at the School of International and Public Affairs, Columbia University. He is also a senior fellow with the Cyber Statecraft Initiative at the Atlantic Council, where he was the program's founding director. He has published many academic articles, essays, and books on the topic of cyber security and has advised on security measures for corporate, government, and military institutions. He has been identified as the first historian of cyber conflict.

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