



**RHONDA
WEISS
CENTER**
FOR ACCESSIBLE
IDEA DATA

Glossary

Language Toolkit

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Table of Contents

Aggregate Data	2
Application Programming Interface (API).....	2
Cloud Computing	2
Comma Separated Values (CSV)	2
Dashboard.....	2
Data	2
Data Dictionary / Data Glossary.....	3
Data Format.....	3
Data Governance.....	3
Data Ingestion / Sourcing	3
Data Lake	3
Data Literacy.....	3
Data Staging	4
Data Tables.....	4
Data Science.....	4
Database	4
Disclosure Avoidance	4
Repository.....	4
Statewide Longitudinal Data System (SLDS).....	4
Student Data / Unit Data	5
Tabular Data.....	5
Web Application Firewall (WAF)	5

Aggregate Data

- Definition: Process where data is gathered and expressed in a summary form. Aggregated data is typically gathered from multiple sources and replaced with totals or summary statistics.
- Source: [TechTarget](#)

Application Programming Interface (API)

- Definition: Software that allows machine to machine communication over the internet. For data, APIs allow apps to read just the data they need directly, without downloading an entire dataset, saving bandwidth and ensuring that the data used is the most up-to-date available.
- Source: [data.ca.gov](#)

Cloud Computing

- Definition: Cloud computing refers to applications and services offered over the internet. These services are offered from data centers all over the world, which collectively are referred to as the “cloud.”
- Source: [TechTerms](#)

Comma Separated Values (CSV)

- Definition: A standard format for spreadsheets where data is stored in a plain text file, with each data row on a new line and commas separating the values on each row. As a simple open format it is easily read by computers and is widely used for publishing.
- Source: [data.ca.gov](#)

Dashboard

- Definition: A visual representation of data that helps people identify correlations, trends, outliers (anomalies), patterns, and business conditions. A dashboard is a visual display of the most important information needed to achieve one or more objectives, consolidated, and arranged on a single screen so the information can be monitored at a glance.
- Source: [Dashboard | DaSy Center](#)

Data

- Definition: Data refers to a collection of individual values that, when processed, convey information.
- Source: [TechTerms](#)

Data Dictionary / Data Glossary

- Definition: An agreed-upon set of clearly and consistently defined elements, definitions, and attributes. It helps an organization maintain consistency across their data systems. Users refer to a data dictionary to find out where specific data are located, whether they were reported correctly, how to use them appropriately, and what their values mean.
- Source: [Forum Curriculum for Improving Education Data](#)

Data Format

- Definition: Data format is the definition of the structure of data within a database or file system that gives the information its meaning.
- Source: [c3.ai](#)

Data Governance

- Definition: The overall management of the availability, usability, integrity, quality, and security of data. Data governance is both an organizational process and a structure. It establishes responsibility for data, organizing program area/agency staff to collaboratively and continuously improve data quality through the systematic creation and enforcement of policies, roles, responsibilities, and procedures.
- Source: [DaSy Framework: Data Governance and Management](#)

Data Ingestion / Sourcing

- Definition: The process of transporting data from multiple sources into a centralized database, usually a data warehouse, where it can then be accessed and analyzed. This can be done in either a real-time stream or in batches.
- Source: [osmos.io](#)

Data Lake

- Definition: A data lake is a storage repository that holds a vast amount of raw data in its native format until it is needed for analytics applications.
- Source: [TechTarget](#)

Data Literacy

- Definition: The ability to read, write and communicate data in context, with an understanding of the data sources and constructs, analytical methods and techniques applied, and the ability to describe the use case [application](#) and resulting business value or outcome.
- Source: [DaSy](#)

Data Staging

- Definition: The data staging area is a temporary storage area for data copied from source systems.
- Source: [hevo data](#)

Data Tables

- Definition: A data table is a document comprising columns, rows and cells that contain specific values.
- Source : [Indeed](#)

Data Science

- Definition: A multidisciplinary approach to extracting actionable insights from the large and ever-increasing volumes of data collected and created by today's organizations.
- Source: [osmos.io](#)

Database

- Definition: A data structure that stores organized information. Most databases contain multiple tables, which may each include several different fields.
- Source: [TechTerms](#)

Disclosure Avoidance

- Definition: The efforts made to de-identify the data to reduce the risk of disclosure of personally identifiable information (PII). A choice of the appropriate de-identification strategy (also referred to as disclosure limitation method) depends on the nature of the data release, the level of protection offered by a specific method, and the usefulness of the resulting data product.
- Source: [DaSy](#)

Repository

- Definition: A database service capable of storing information, such as certificates and CRLs, allowing unauthenticated information retrieval. Repositories include, but are not limited to, directory services.
- Source: [oklahoma.gov](#)

Statewide Longitudinal Data System (SLDS)

- Definition: A statewide longitudinal data system (SLDS) is unit-level data system designed for collection, management, analysis, and reporting of statewide education data over time and across programs.
- Source: [Common Education Data Standards \(CEDS\)](#)

Student Data / Unit Data

- Definition: In education, student-level data refers to any information that educators, schools, districts, and state agencies collect on individual students, including data such as personal information (e.g., a student's age, gender, race, place of residence), enrollment information (e.g., the school a student attends, a student's current grade level and years of attendance, the number of days a student was absent), academic information (e.g., the courses a student completed, the test scores and grades a students earned, the academic requirements a student has fulfilled), and various other forms of data collected and used by educators and educational institutions (e.g., information related to disciplinary problems, learning disabilities, medical and health issues, etc.).
- Source: [edglossary](#)

Tabular Data

- Definition: Tabular data refers to data that is organized in a table with rows and columns.
- Source: [statology](#)

Web Application Firewall (WAF)

- Definition: A web application firewall (WAF) is a firewall that monitors, filters and blocks Hypertext Transfer Protocol (HTTP) traffic as it travels to and from a website or web application.
- Source: [TechTarget](#)