ACCELERATE DATA WAREHOUSE DEVELOPMENT & DATA MODELING IN ADWB

YOUR ENTERPRISE DATA IS WORTH 20-25% OF YOUR ORGANIZATION'S ENTIRE VALUE



With a data warehouse in place, you can consolidate and analyze cross-enterprise data, uncover critical insights, and leverage them to make far more effective business decisions.

But before you can realize those advantages, you need to ensure the accuracy, relevancy, and reliability of data that ends up in your reports and analyses.

That's why data modeling is so important.

A BLUEPRINT FOR YOUR BI ARCHITECTURE



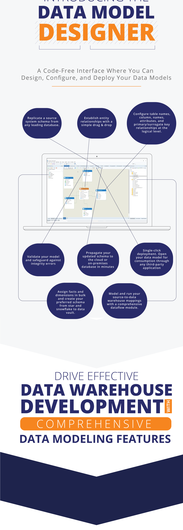
Data models provide a comprehensive visual overview of the conceptual, logical, and physical elements that make up the design of your data warehouse:

- Source system entities needed to fulfill your BI requirements
- Attributes that make up the properties of each entity
- Table names for physical entities and names for component attributes
- Relationships between entities
- Primary and applicable foreign keys for all entities
- Source-to-data warehouse mapping for ETL processes
- Business rules to enforce data integrity in data warehouse entities

Of course, the data warehouse needs to be optimized for quick queries, aggregations, and in-depth analyses

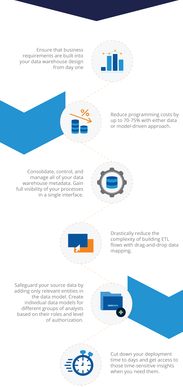
ENTER THE DIMENSIONAL DATA MODEL WHICH ALLOWS YOU TO SORT ENTITIES INTO FACT OR DIMENSION TABLES AND RADICALLY ACCELERATE DATA RETRIEVAL.





INTRODUCING THE DATA MODEL DESIGNER

A Code-Free Interface Where You Can Design, Configure, and Deploy Your Data Models



DRIVE EFFECTIVE DATA WAREHOUSE DEVELOPMENT WITH COMPREHENSIVE DATA MODELING FEATURES

Ensure that business requirements are built into your data warehouse design from day one

Reduce programming costs by up to 70-75% with either data or model-driven approach.

Consolidate, control, and manage all of your data warehouse processes in a full visibility of your processes in a single interface.

Drastically reduce the complexity of building ETL flows with drag-and-drop data mapping.

Safeguard your source data by adding only relevant entities in the data model. Create individual data models for different user groups based on their roles and level of authorization.

Cut down your deployment time to days and get access to those time-sensitive insights when you need them.

Collaborate at every phase of data warehouse development by working at a logical level to build an architecture both business and technical users can get behind.

Test data model integrity and protect your data warehouse against potential errors before deployment with single-click validation features.

Create a platform-agnostic architecture that can easily be deployed to leading cloud data warehouses like Snowflake, Azure Synapse, and Amazon RDS.

Astera DW Builder
Build Your Data Warehouse Better

Contact Us