Understanding and Implementing Data Models with Sisense

Preparing Data



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Data Models and Connections

Overview



Data Model

- ElastiCube
- Live

Creating Data Connections

Data Source Connectors

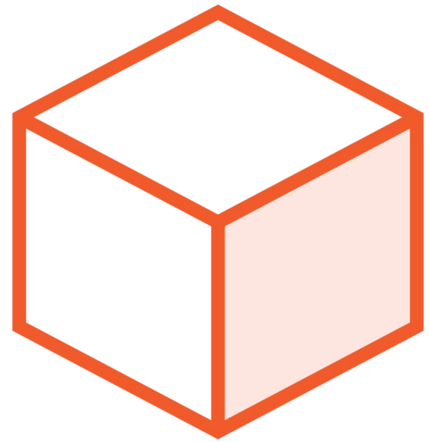
ElastiCube

- NoSQL
- Relational
- Big Data
- Web Applications
- Files

Data Source



ElastiCube



Live Connection

- Azure Synapse
- Google BigQuery
- SingleStore
- MySQL
- Oracle
- PostgreSQL
- Redshift
- Snowflake
- SQL Server

Connecting to Sisense ElastiCube

Below details are required to fetch data from different ElastiCube

- Location
- Username
- Password

Importing Data from Sisense

Sisense ODBC connection

- Import transformed data from ElastiCube
- Importing data from an ElastiCube into Excel
- Importing data from an ElastiCube into other BI tools

Up Next:
Creating CSV Data Connection

Creating CSV/Excel Data Connection

Data Overview



Stores Data

C-Mart → CSV
S-Mart → SQL Server
G-Mart → Snowflake

MasterData → Excel
Suppliers → Excel
MarketData → Excel

Uploading CSV/Excel Files

File Upload

- Upload file to server
- New file needs to be uploaded every time

Server Access

- This will read file from specific file server
- Sisense reads data from original location

Up Next:
Creating SQL Server Data Connection

Creating SQL Server Data Connection

Connecting to SQL Server

Below details are required to connect to SQL Server

- Location
- Username
- Password
- Default Database

Up Next:
Connecting to Snowflake

Connecting to Snowflake

Connecting to Snowflake

Below details are required to connect to SQL Server

- JDBC Connection String
- Username
- Password

JDBC Connection String

- jdbc:snowflake://<*Server URL*>/?warehouse=<*Warehouse Name*>

Up Next:
Custom Column and Table

Custom Column and Table

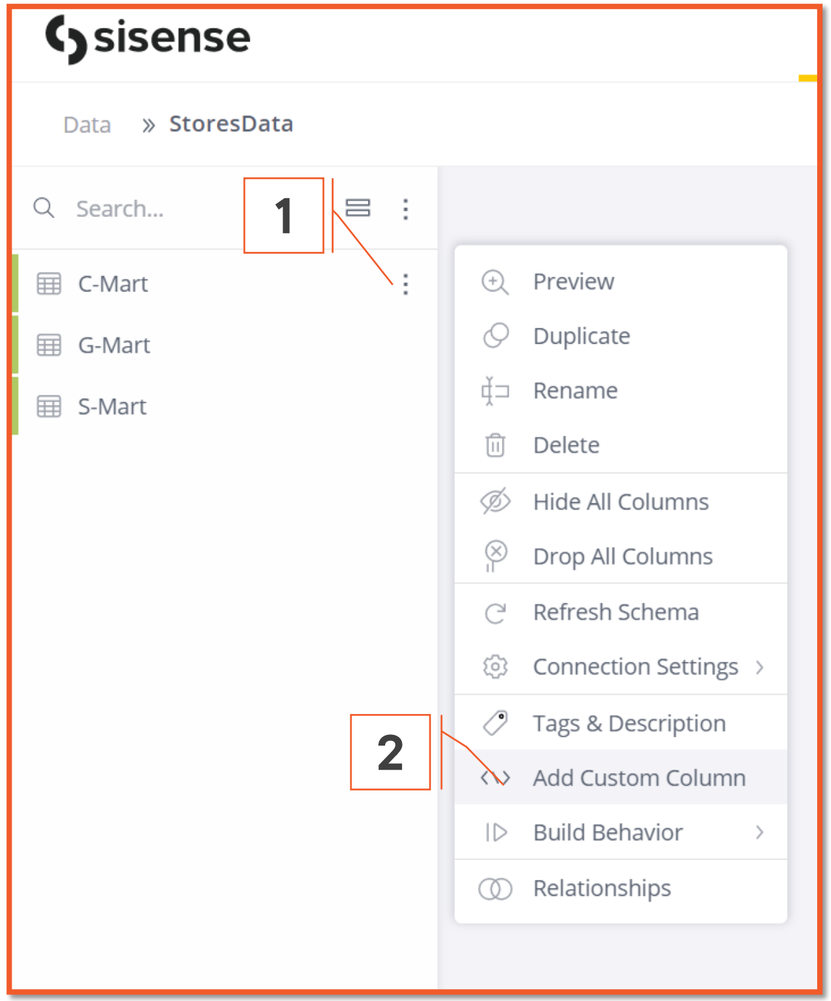
Overview

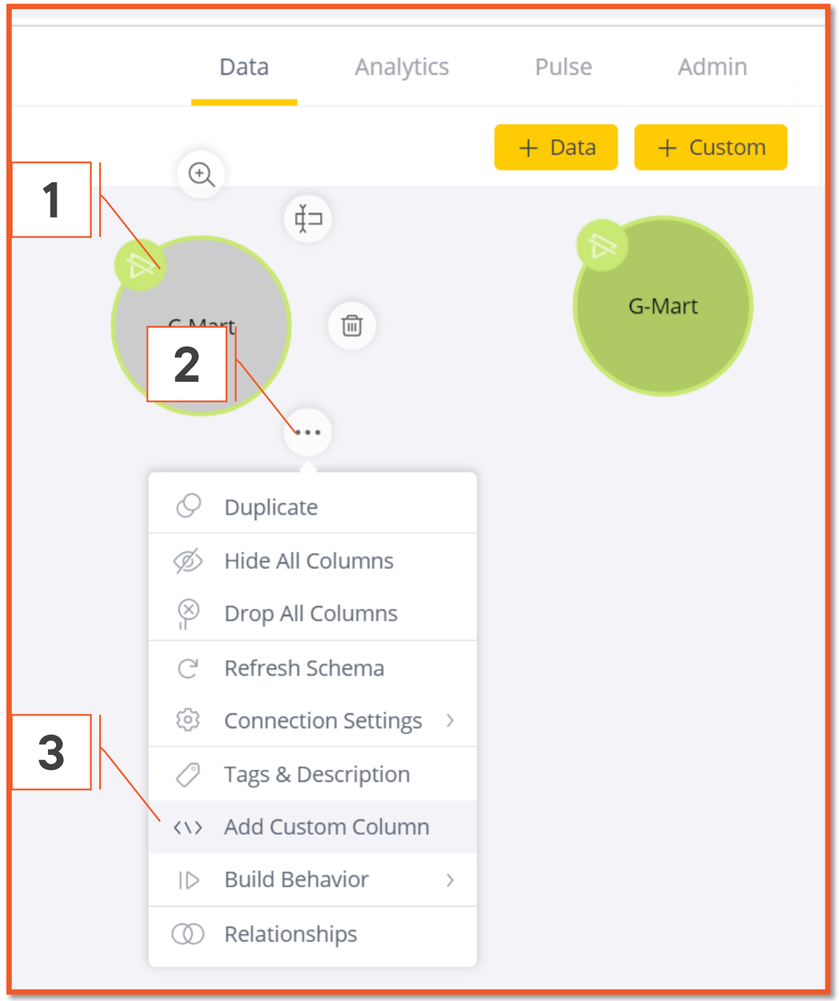


Adding a Custom Field

Adding a Custom Table

Custom Field Option

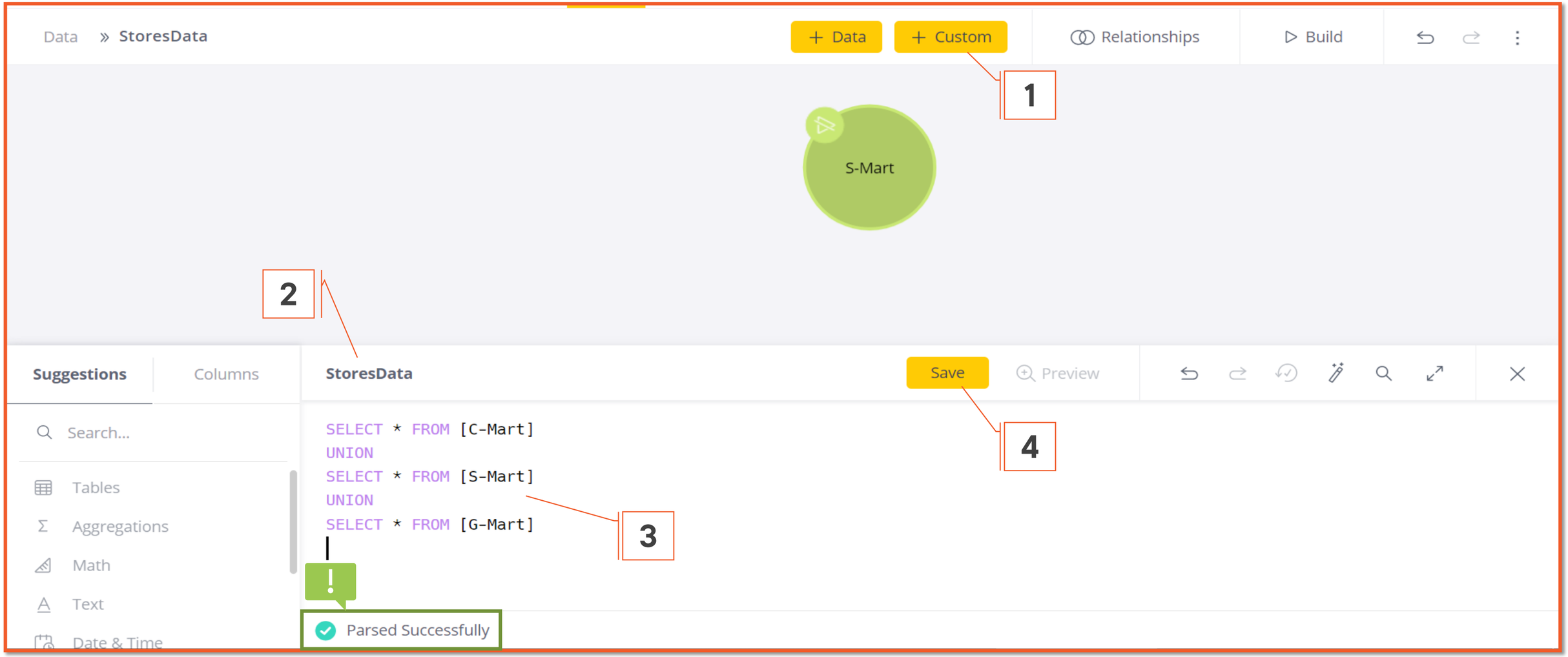




Custom Column Expression

C-Mart

Custom Table



Custom Table



Up Next:
Introduction to Functions

Introduction to Functions

Overview

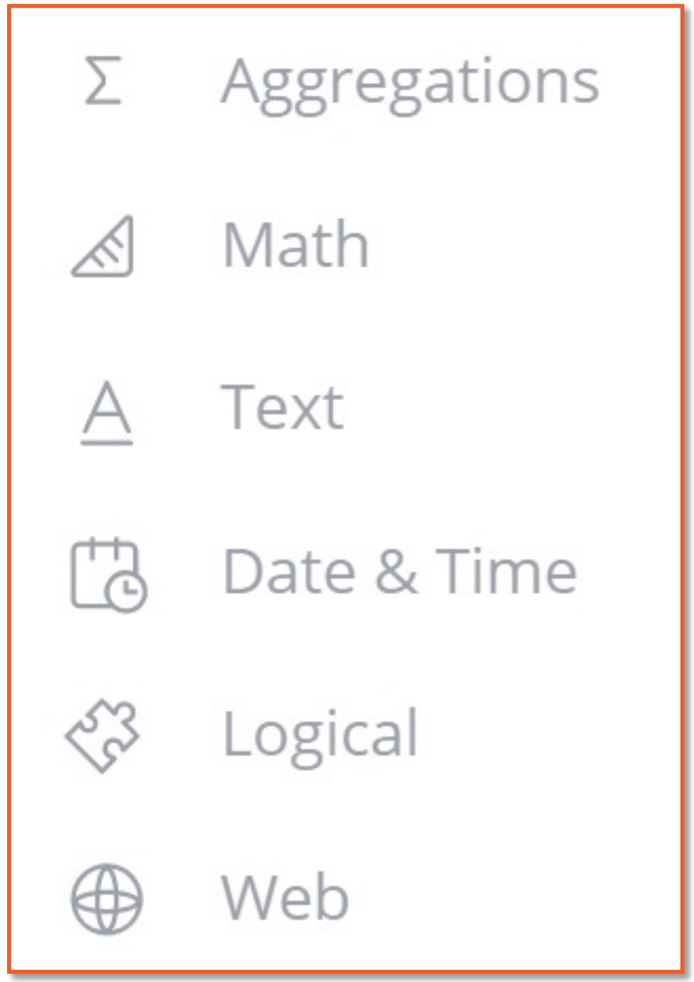


Categories

Lookup Function

Date and Time Functions

Categories



Sisense Functions

SQL Keywords

Demo



Lookup Function

Date and Time Function

Do Build



Summary



- Data Model in Sisense
- Understanding Sample Data
- Creating Data Connections
- Custom Tables and Fields
- Functions
- Build