Understanding and Implementing Data Models with Sisense

Live Data Model



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Overview



Live Model

ElastiCube vs Live Model

Data Connectors

Live Model

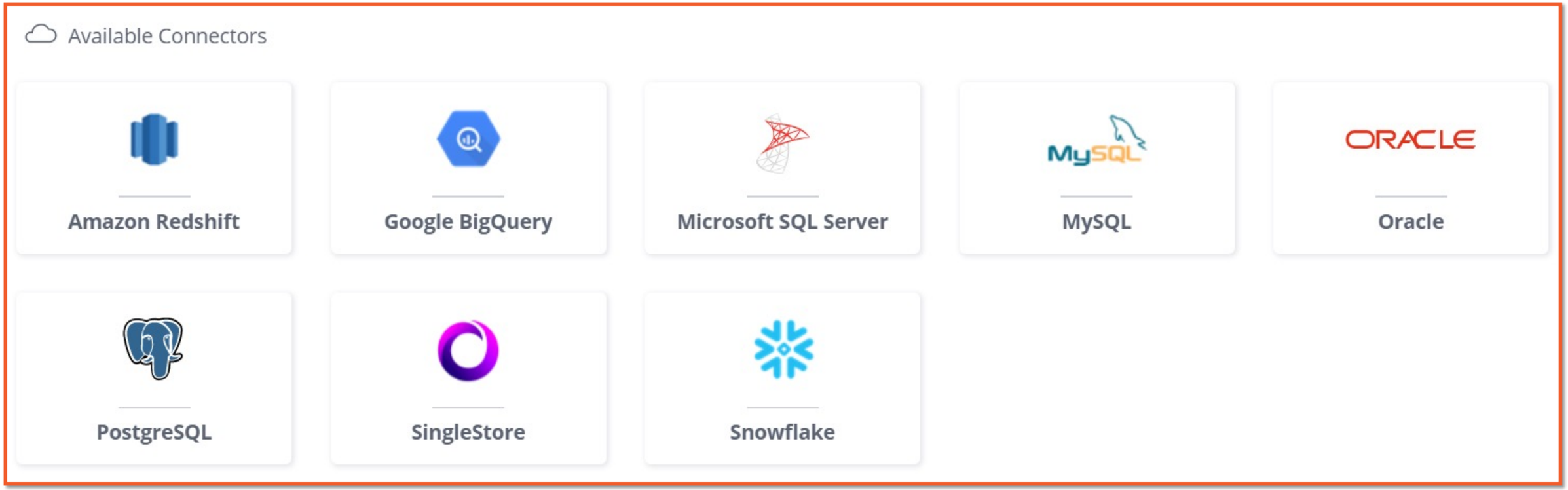
Queries executes in data source

Analyzes live data

Elastic vs Live Data Model

Elastic Data Model	Live Model
Data is loaded to Sisense and saved	Data is not loaded
It is not real time analysis	Live data analysis
Reliable for complex visualizations	Reliable to monitor live updates
Performance depends on the data model design	Performance depends on the data source
Queries are executed in Sisense	Queries are executed in data source
Lot of options for building data model	We can only join two tables or rename fields

Data Connectors



Up Next:
Creating SQL Server Live Connection

Creating SQL Server Live Connection

Connecting to SQL Server

Below details are required to connect to SQL Server

- Location
- Username
- Password
- Default Database

Up Next:
Creating Snowflake Live Connection

Creating Snowflake Live Connection

Connecting to Snowflake

Below details are required to connect to Snowflake

- JDBC Connection String
- Username
- Password

JDBC Connection String

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

Up Next:
Building Live Data Model

Building Live Data Model

Data Model

Create New Live Model from Data tab

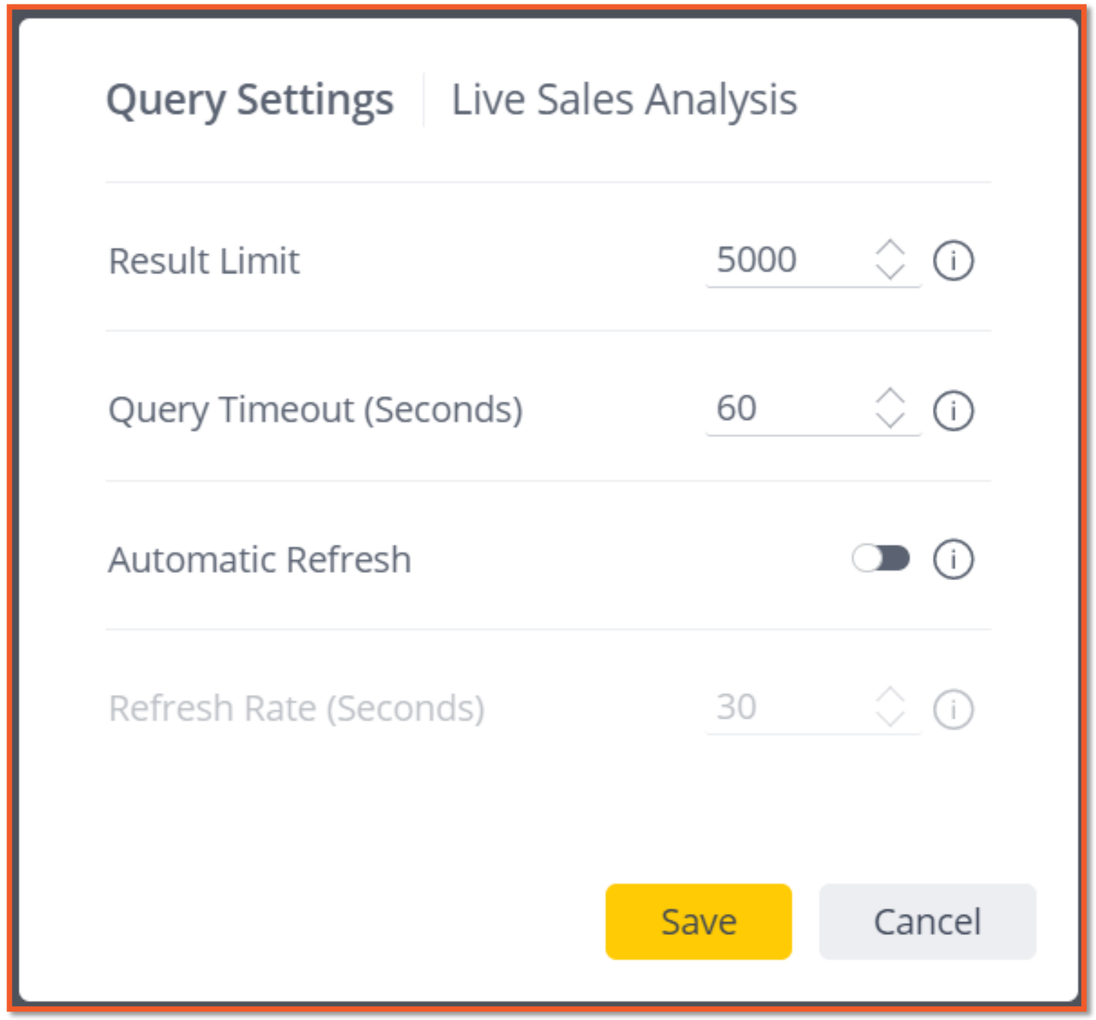
Provide relevant name

Create connection and add tables

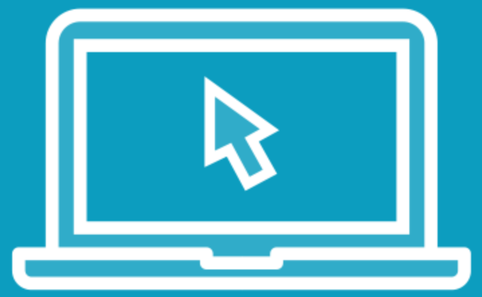
Create Relationship and Rename Fields

Click on Publish

Query Settings



Demo



Build Live Data Model with SQL Server

Load Two Tables, Create Relationship

Publish

Up Next:
Building Hybrid Model

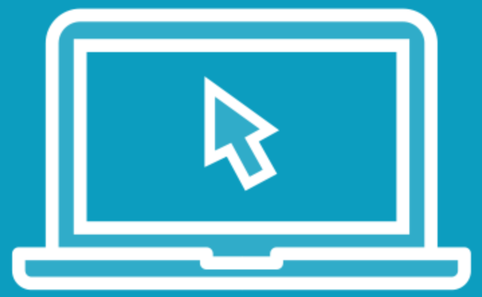
Building Hybrid Model

Data Model

Hybrid Model is building dashboards using Elasticube and Live Data Models

No separate Data Model

Demo



Create New Dashboard

Add a chart with Elasticube Model

Add a Chart with Live Model

Summary



Overview of Live Data Model

SQL Server Live Connection

Snowflake Live Connection

Data Model and Query Settings

Hybrid Model Dashboard