

Integration with Snowflake

YourDataConnect has developed a solution to ingest metadata from Snowflake.

Snowflake

Snowflake is an analytic data warehouse provided as Software-as-a-Service (SaaS). Snowflake's data warehouse is not built on an existing database or "big data" software platform such as Hadoop. The Snowflake data warehouse uses a new SQL database engine with a unique architecture designed for the cloud. Figure 1 shows the database, schema, table, and column in Snowflake.

The screenshot shows the Snowflake web interface. On the left, a sidebar displays a tree view of database objects. The 'DEMO_DB' database is selected, showing its schema 'INFORMATION_SCHEMA' and a table 'SALES_TRANSACTIONS'. The main area shows a query editor with the SQL query: `select * from Customer limit 100;`. Below the query, the 'Results' section displays a 'Data Preview' for the table 'DEMO_DB.SALES.SALES_TRANSACTIONS'. The table has 10 columns: Row, PRODUCT, PRICE, PAYMENT_TYPE, NAME, CITY, STATE, COUNTRY, LATITUDE, and LONGITUDE. The data preview shows 9 rows of data.

Row	PRODUCT	PRICE	PAYMENT_TYPE	NAME	CITY	STATE	COUNTRY	LATITUDE	LONGITUDE
1	Smartphones	1200	Mastercard	carolina	Basildon	England	United Kingdom	51.5	-1.116667
2	Smartphones	1200	Visa	Betina	Parkville	MO	United States	39.195	-94.68194
3	Smartphones	1200	Mastercard	Federica e An...	Astoria	OR	United States	46.18806	-123.83
4	Smartphones	1200	Visa	Gouya	Echuca	Victoria	Australia	-36.1333333	144.75
5	Laptops	3600	Visa	Gerd W	Cahaba Heights	AL	United States	33.52056	-86.8025
6	Smartphones	1200	Visa	LAURENCE	Mickleton	NJ	United States	39.79	-75.23806
7	Smartphones	1200	Mastercard	Fleur	Peoria	IL	United States	40.69361	-89.58889
8	Smartphones	1200	Mastercard	adam	Martin	TN	United States	36.34333	-88.85028
9	Smartphones	1200	Mastercard	Renee Elisabeth	Tel Aviv	Tel Aviv	Israel	32.0666667	34.7666667

Figure 1: Database, schema, table, and column in Snowflake.

Integration of Snowflake with with YourDataConnect

YourDataConnect has developed a solution to import database, schema, table and column metadata from Snowflake while maintaining the hierarchy between Snowflake objects (see Figure 2).

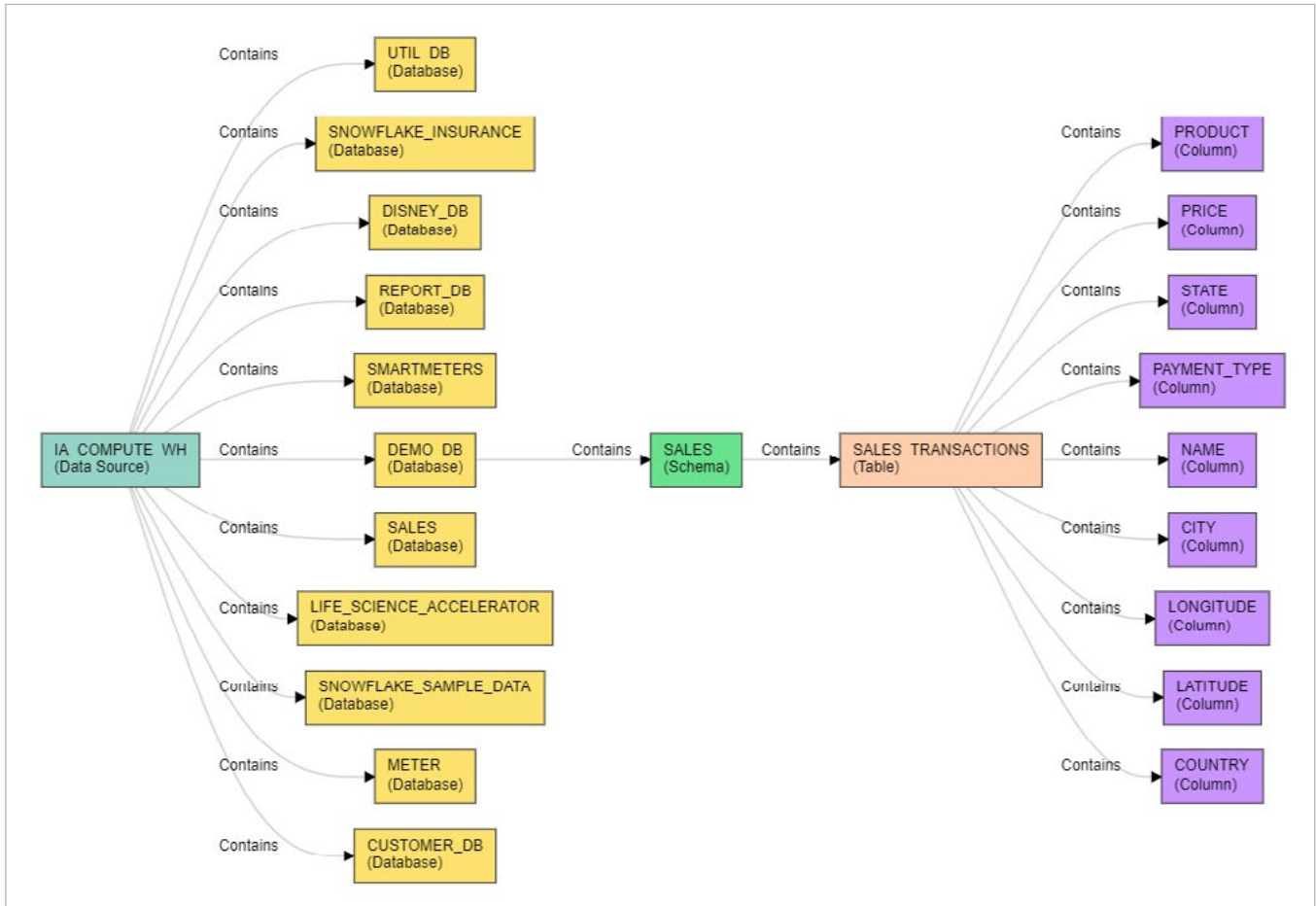



Figure 2: End-to-end traceability of Snowflake in YourDataConnect.

 To learn more about this solution, please request a demo by contacting info@yourdataconnect.com or visit our website at yourdataconnect.com.