

# Getting Started with CLAIRE GPT

**Quickly and easily access and manage your data with Informatica CLAIRE® GPT.**

As part of the Informatica® Intelligent Data Management Cloud™, CLAIRE GPT uses generative AI to democratize data access so you can find the right data without learning complex tools or using SQL queries.

Whether you're a data engineer or a business user, you can ask questions about your data to help you discover data assets and explore the metadata catalogued in Cloud Data Governance and Catalog.

The natural language interface makes it easy to have conversations about your data and to quickly search and discover the most relevant data.

Built on the generative AI model, CLAIRE GPT learns from user feedback and continuously adapts to generate increasingly precise and relevant responses.

# Before you begin

Before you start using CLAIRE GPT to discover your data assets, complete the following prerequisites:

## User role

Ensure that your organization administrator has assigned the **CLAIRE GPT User** role to you in Administrator. You can view the roles assigned to you on the **User** page in Administrator.

## Access CLAIRE GPT Application feature

Verify that the CLAIRE GPT User role assigned to you has the **Access CLAIRE GPT Application** feature enabled in Administrator.

1. Go to Administrator and select **User Roles**. The **User Roles** page displays a list of the roles in your organization.
2. Click the **CLAIRE GPT User** role.
3. On the **CLAIRE GPT User** role page, select **CLAIREGPT** from the **Services** list.
4. Select the **Features** tab. The **Access CLAIRE GPT Application** feature should be enabled.

### Access CLAIRE GPT Application feature

CLAIRE GPT User Save ✕

Set the privileges for users and groups assigned to the role. Configure privileges separately for each service.

**Role Information**

Role Name: \* CLAIRE GPT User

Description: CLAIRE GPT User role for CLAIRE GPT application

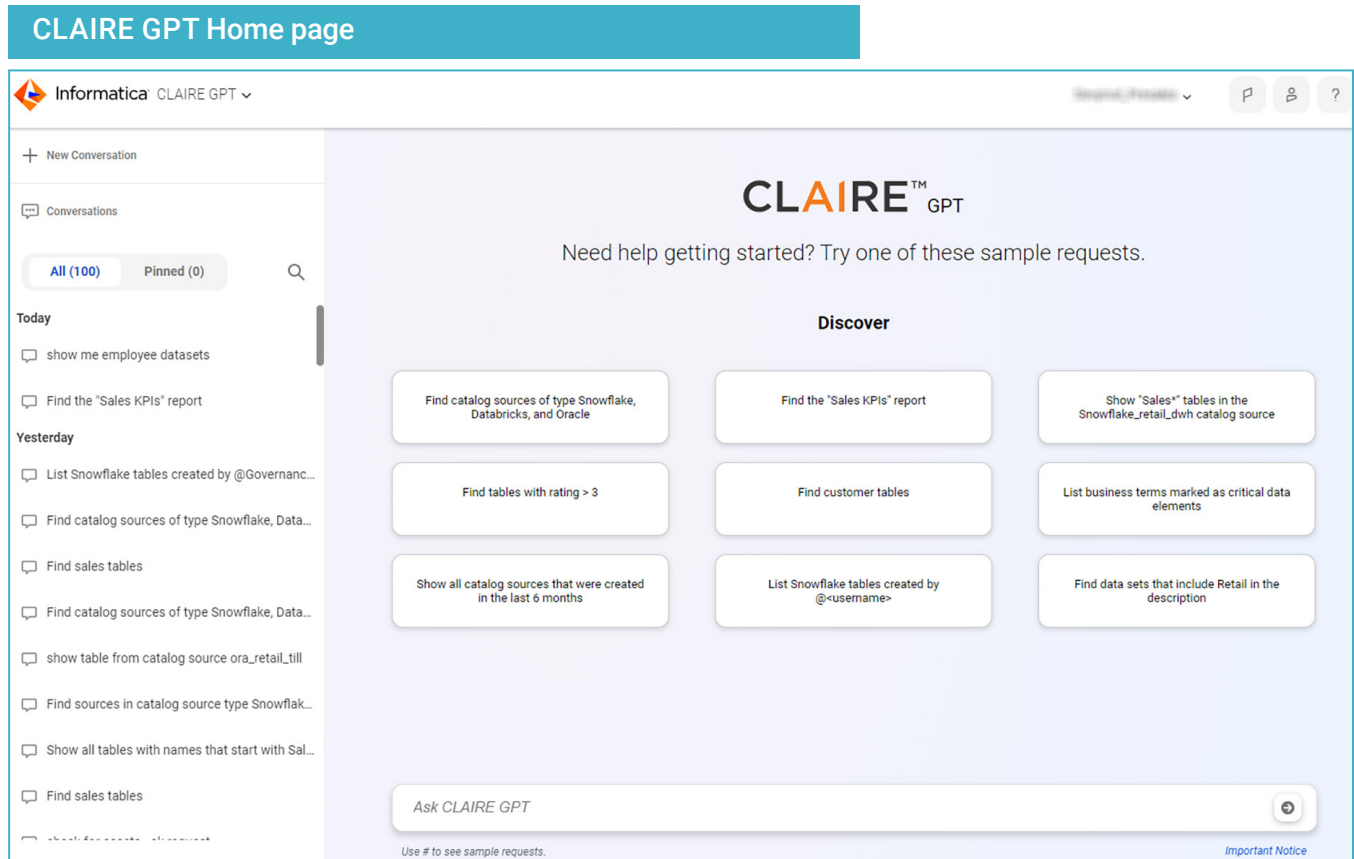
Services:

Assets	Features
Feature Name	Enabled
Access CLAIRE GPT Application	<input checked="" type="checkbox"/>

# Access CLAIRE GPT

1. Log in to Informatica Intelligent Cloud Services<sup>SM</sup> with your credentials.
2. On the **My Services** page, select **CLAIRE GPT**.

You can try a few sample prompts from the **Home** page or start a new conversation.



# Conversations

To have a conversation with CLAIRE GPT, you send a prompt and get a reply.

When you start a conversation, CLAIRE GPT understands the prompt that you enter and can respond intelligently.

- To see sample prompts that you can use while you're in a conversation, type #.
- Every prompt that you enter returns a personalized response and suggestions to help you find the right data based on the intent of your conversation.

Let's look at how CLAIRE GPT responds to your prompts:

### CLAIRE GPT prompt and replies

The screenshot shows a chat interface with a user prompt: "Show me employee datasets in Snowflake". The response includes a search status "Searching for assets", a summary "Showing 1 of 1", a table entry for "DIM\_EMPLOYEE" with a note "There is no description." and a path "snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO". Below the table is an explanation: "Explanation: Type 'technical dataset' '\*employee\*' and where catalog source type is 'Snowflake'". At the bottom, a suggestion box says "Show me the overview of DIM\_EMPLOYEE". The interface also features a thumbs up/down icon and an "Ask CLAIRE GPT" button.

1. Showing 1 of 1
2. TABLE | DIM\_EMPLOYEE  
There is no description.  
snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO
3. Explanation: Type 'technical dataset' '\*employee\*' and where catalog source type is 'Snowflake'
4. Show me the overview of DIM\_EMPLOYEE

1. **Summary.** A brief statement to summarize the response.
2. **Response.** The details of the data or metadata based on the intent of your question.
3. **Explanation.** The natural language interpretation of your question or statement.
4. **Suggestions.** Suggestions of new prompts relevant to your conversation to help you find the data that you're looking for.

You can create multiple conversations and rename, delete, or pin your conversations.

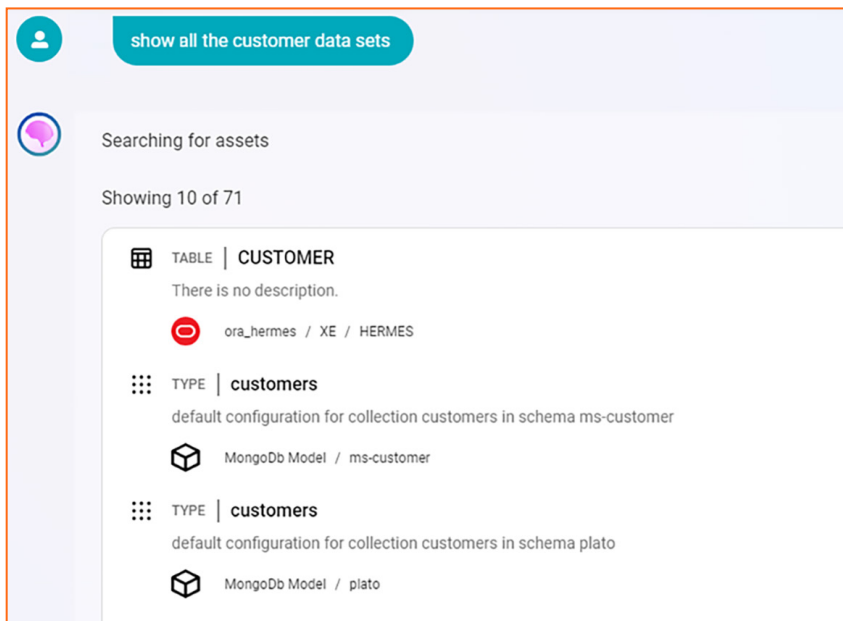
You can rate responses in your conversation and add comments. CLAIRE GPT can learn extensively from your feedback to generate increasingly precise and relevant responses.

# Capabilities

You can discover data, explore metadata, and get suggestions for asset names with the intelligent prompt completion feature in CLAIRE GPT.

## Discover data

Search and discover data assets available in Cloud Data Governance and Catalog using plain English prompts. Here are a few examples to help you get started on your data discovery journey:



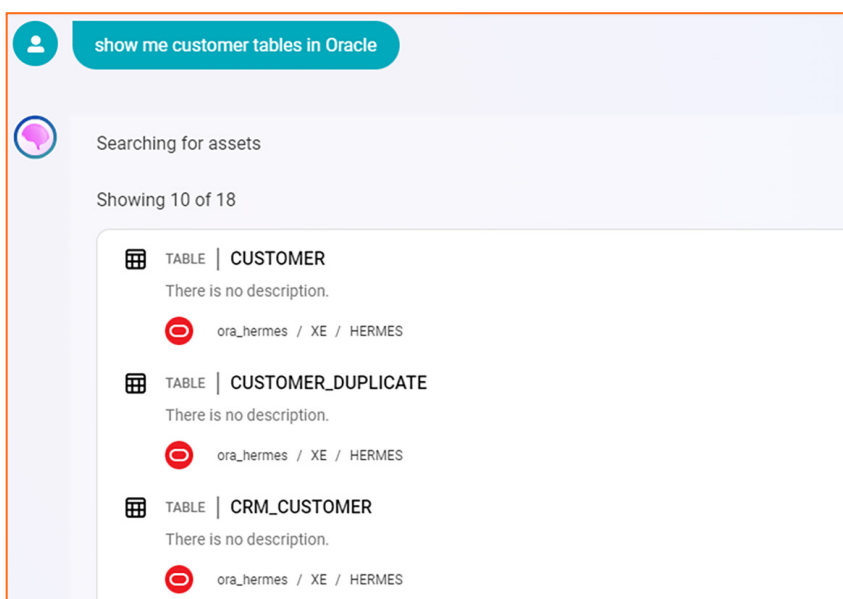
The screenshot shows a user interface with a search bar containing the prompt "show all the customer data sets". Below the search bar, the status "Searching for assets" is displayed. The results section shows "Showing 10 of 71" items. The first item is a TABLE named CUSTOMER with no description, located in the schema ora\_hermes / XE / HERMES. The second item is a TYPE named customers, which is the default configuration for collection customers in schema ms-customer, located in the MongoDB Model / ms-customer. The third item is another TYPE named customers, which is the default configuration for collection customers in schema plato, located in the MongoDB Model / plato.

### Prompt

*show all the customer data sets*

### Response

Returns data sets with names containing 'customer.'



The screenshot shows a user interface with a search bar containing the prompt "show me customer tables in Oracle". Below the search bar, the status "Searching for assets" is displayed. The results section shows "Showing 10 of 18" items. The first item is a TABLE named CUSTOMER with no description, located in the schema ora\_hermes / XE / HERMES. The second item is a TABLE named CUSTOMER\_DUPLICATE with no description, located in the schema ora\_hermes / XE / HERMES. The third item is a TABLE named CRM\_CUSTOMER with no description, located in the schema ora\_hermes / XE / HERMES.

### Prompt

*show me customer tables in Oracle*

### Response

Returns a preview of Oracle source tables that have names containing 'customer.'

**show me customer tables in Oracle created in the last 1 year**

Searching for assets

Showing 10 of 18

TABLE	<b>CUSTOMER</b>
There is no description.	
ora_hermes / XE / HERMES	
TABLE	<b>CUSTOMER_DUPLICATE</b>
There is no description.	
ora_hermes / XE / HERMES	
TABLE	<b>CRM_CUSTOMER</b>

### Prompt

*show me customer tables in Oracle created in the last year*

### Response

Returns a preview of Oracle source tables that have names containing 'customer' and that were created in the past year.

**show me business terms related to customer that are critical data element**

Searching for assets

Showing 4 of 4

BUSINESS TERM	<b>Customer</b>
Customers are corporate entities or individuals that have an economic relationship of some sort with the company with exception of employment.	
UNIT:Price	
BUSINESS TERM	<b>Relations of customers</b>
Relations to the individuals who have previously / currently receive services / products from the organisation.	
/	
BUSINESS TERM	<b>Customer Master Data Identifier</b>
Customer Master Data Identifier (CMD ID)	
Party Data	

### Prompt

*show me business terms related to customers that are critical data elements*

### Response

Returns business terms with names containing 'customer' that are marked as critical data elements.

**show snowflake sales data sets**

Searching for assets

Showing 10 of 11

TABLE	<b>FACT_SALES</b>
The Sales Order Number is a confirmation number sent to the customers before delivering the goods or services	
snowflake_retail_dwh / EMEA_DEMO_ENV / CONTOSO	
TABLE	<b>FACT_SALES_QUOTA</b>
There is no description.	
snowflake_retail_dwh / EMEA_DEMO_ENV / CONTOSO	
TABLE	<b>DIM_SALES_TERRITORY</b>
There is no description.	
snowflake_retail_dwh / EMEA_DEMO_ENV / CONTOSO	

### Prompt

*show snowflake sales data sets*

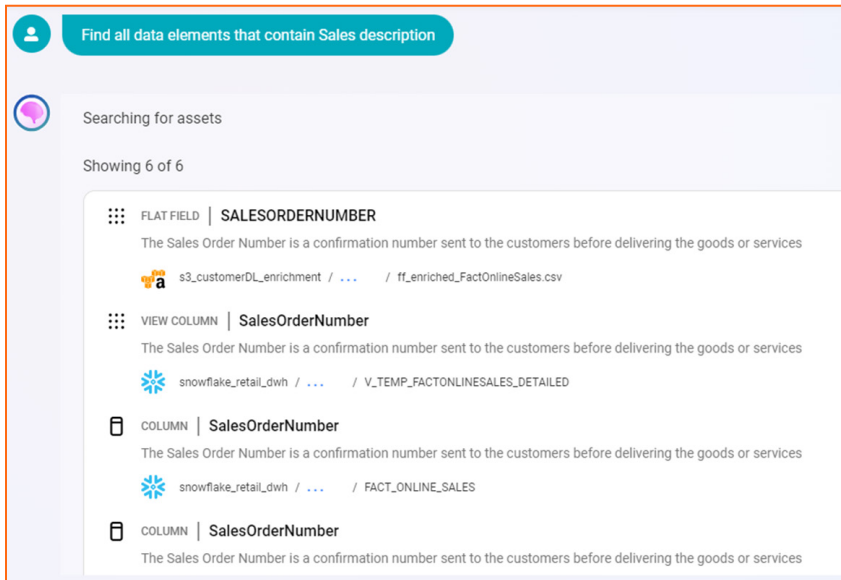
### Response

Returns technical data sets in Snowflake with names containing 'sales.'

# Explore metadata

You can ask questions to view the various aspects of the assets including the asset overview, system attributes, a simplified data set level lineage, stakeholders, classifications, data profiling statistics, data quality scores, glossary associations, and asset ratings.

Start exploring the metadata of your data assets with the following prompts, and view the responses that CLAIRE GPT returns:

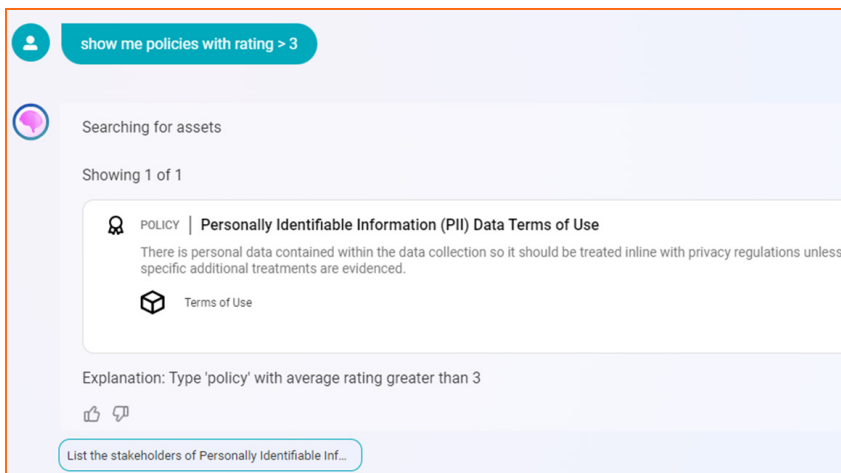


## Prompt

*Find all data elements that contain Sales description*

## Response

Returns data elements that contain 'Sales' in their descriptions.



## Prompt

*show me policies with rating > 3*

## Response

Returns policies that are rated 3 and above.

**show me the columns of @STORE\_CUSTOMER**

Exploring referenced asset: STORE\_CUSTOMER

1. ETLLOADID: NUMBER
2. NAMESTYLE: NVARCHAR2
3. COUNTRY: NVARCHAR2, The country used to make up an address
4. MARITALSTATUS: NVARCHAR2, The marital status of an individual- e.g. married- single- divorced
5. ADDRESSLINE1: NVARCHAR2
6. SUFFIX: NVARCHAR2
7. ADDRESSLINE2: NVARCHAR2
8. LASTNAME: NVARCHAR2, A name shared in common to identify the members of a family- as distinguished from each member's given name. Also called Surname or family name
9. CUSTOMERKEY: NUMBER, The party ID is the numeric representation used to identify the party in question.
10. NUMBERCARSONWED: NUMBER
11. BIRTHDATE: TIMESTAMP(9)
12. FIRSTNAME: NVARCHAR2, First name of a person.
13. CUSTOMERTYPE: NVARCHAR2
14. YEARLYINCOME: NUMBER

Show me the overview of STORE\_CUSTOMER

## Prompt

*show me the columns of STORE\_CUSTOMER*

## Response

Returns the column names for the table 'STORE\_CUSTOMER.'

**who is the stakeholder of @STORE\_CUSTOMER**

Exploring referenced asset: STORE\_CUSTOMER

1. DISCOVERY\_QE TEAM, Governance Administrator, [aanandi@informatica.com](mailto:aanandi@informatica.com)

Show me the overview of STORE\_CUSTOMER

## Prompt

*who is the stakeholder of STORE\_CUSTOMER*

## Response


Returns the name, assigned role, and email address of the stakeholder of the STORE\_CUSTOMER table.

**show me the data quality score of @CUSTOMER**

Exploring referenced asset: CUSTOMER

**Data Quality Scores:**

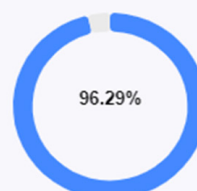
Validity (undefined)



84.32%

↑ 0

Completeness (4)



96.29%

↑ 0

Show me the overview of CUSTOMER

## Prompt

*show me the data quality score of @CUSTOMER*

## Response

Returns the data quality completeness and validity scores for the 'Customer' table.



# Intelligent prompt completion

CLAIRE GPT uses intelligent prompt completion to provide suggestions in a prompt based on your conversation history.

To start a conversation, type # to see some sample prompts that you can use.

While in the conversation, you can start typing the prompt and enter @ for suggestions to quickly refer to asset names, stakeholder names, usernames, and other options within the context of your conversation.

CLAIRE GPT suggests meaningful references in the conversation based on the intent of your previous prompts and the last-explored assets in your conversation.

## Intelligent prompt completion

The screenshot shows a user interface for a data catalog. At the top, the query "show me all the employee data sets" is entered, with a timestamp "Last modified: 08/31/2023, 11:56 AM". Below the query, a search bar contains "Find all data elements". A dropdown menu is open, displaying a list of suggestions for the word "SalesOrderNumber". The suggestions include:

- DIM\_EMPLOYEE** (TABLE) - snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO
- SALESORDERNUMBER** (FLAT FIELD) - s3\_customerDL\_enrichment / ... / ff\_enriched\_FactOnlineSales.csv
- SalesOrderNumber** (VIEW COLUMN) - snowflake\_retail\_dwh / ... / V\_TEMP\_FACTONLINE\_SALES\_DETAILED
- SalesOrderNumber** (COLUMN) - snowflake\_retail\_dwh / ... / FACT\_ONLINE\_SALES
- SalesOrderNumber** (COLUMN) - snowflake\_retail\_dwh / ... / FACT\_ONLINE\_SALES\_DETAILED
- SalesKey** (COLUMN) - snowflake\_retail\_dwh / ... / FACT\_SALES
- StoreKey** (COLUMN) - snowflake\_retail\_dwh / ... / FACT\_SALES
- BirthDate** (COLUMN) - snowflake\_retail\_dwh / ... / BKP\_DIM\_CUSTOMER

The interface also shows a "Showing 1 of 1" indicator and an "Explanation: Type 't'" section with thumbs up and down icons.

# Use case

## Create a sales report

You're a data analyst and you're asked to create a report about sales performance in your organization. With the help of this report, you can identify patterns and forecast sales for the upcoming year.

The sales data is in a Snowflake data warehouse, and your organization catalogued the data in Cloud Data Governance and Catalog. To create the report, you need to look for relevant data sets in the catalog for overall sales, online sales, and store sales.

Let's discover the relevant data sets in Cloud Data Governance and Catalog. Then, we'll view the metadata to decide which data sets to use for the sales performance report.

1. Log in to CLAIRE GPT.
2. Start your conversation with the following prompt to find all the data sets related to sales:  
*find out all the sales data sets*

The response returns tables with names containing 'sales' across all catalog sources.

CLAIRE GPT also provides an explanation of the response, a summary of all the data sets, and suggestions to help you find the right data.

The screenshot shows a search interface with a teal header containing the prompt "find out all the sales data sets". Below the header, it says "Searching for assets" and "Showing 10 of 26". The results list four items:

- TABLE | FACT\_SALES**: The Sales Order Number is a confirmation number sent to the customers before delivering the goods or services. Location: snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO.
- TABLEAU DASHBOARD | Sales KPIs**: There is no description. Location: Tableau\_sales\_kpis\_Tableau / ... / Cloud DG demo - Sales KPIs.
- TABLE | DIM\_SALES\_TERRITORY**: There is no description. Location: snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO.
- TABLE | FACT\_ONLINE\_SALES**: (No description visible).

3. To narrow the results further, search for the 'sales' tables that are present only in the Snowflake catalog source.

Use the following prompt:  
*find out all the sales tables in Snowflake*

The response displays a list of tables in a Snowflake source with names containing 'sales.'

The screenshot shows a search interface with a teal header containing the prompt "find out all the sales tables in Snowflake". Below the header, it says "Searching for assets" and "Showing 6 of 6". The results list three items, all from the snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO source:

- TABLE | FACT\_SALES**: The Sales Order Number is a confirmation number sent to the customers before delivering the goods or services.
- TABLE | DIM\_SALES\_TERRITORY**: There is no description.
- TABLE | FACT\_ONLINE\_SALES**: There is no description.

- From the list of tables, further explore and view more details about the FACT\_SALES table.

Use one of the suggestions or enter the following prompt: *show me the overview of FACT\_SALES*

The response returns the overview of the requested table.

The overview includes a description, names of stakeholders, column names, and column count.

show me the overview of FACT\_SALES

Searching for assets

TABLE | FACT\_SALES  
The Sales Order Number is a confirmation number sent to the customers before delivering the goods or services  
snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO Data Elements: 19 Stakeholders: John Doe  
Last Updated: 08/16/2023, 01:44 AM

Contains: Column

1	UnitCost	6	ProductKey	11	DiscountQuantity
2	UnitPrice	7	ReturnQuantity	12	LoadDate
3	channelKey	8	TotalCost	13	PromotionKey
4	DateKey	9	UpdateDate	14	SalesAmount
5	ETLLoadID	10	DiscountAmount	15	CurrencyKey

- Assess the quality and completeness of the data in the FACT\_SALES table.

Enter the following prompt to check the data quality score of the table:  
*show me the data quality score of FACT\_SALES*

The response returns the data quality score for the table.

show me the data quality score of @FACT\_SALES

Exploring referenced asset: FACT\_SALES

Data Quality Scores:

Consistency (1)

100%

↑ 0

- To find online sale data in your organization, explore the metadata of the FACT\_ONLINE\_SALES table.

Enter the following prompt to see the columns in the table:  
*show me the columns of FACT\_ONLINE\_SALES*

show me the columns of @FACT\_ONLINE\_SALES

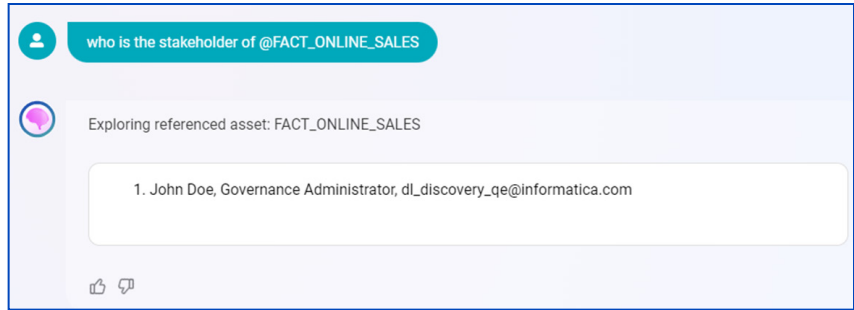
Exploring referenced asset: FACT\_ONLINE\_SALES

1. LoadDate: TIMESTAMP\_NTZ
2. UnitCost: NUMBER
3. TotalCost: NUMBER
4. UpdateDate: TIMESTAMP\_NTZ
5. ReturnQuantity: NUMBER
6. DiscountQuantity: NUMBER
7. UnitPrice: NUMBER
8. PromotionKey: NUMBER
9. SalesAmount: NUMBER
10. CurrencyKey: NUMBER
11. SalesOrderNumber: VARCHAR, The Sales Order Number is a confirmation number sent to the customers before delivering the goods or services
12. StoreKey: NUMBER
13. OnlineSalesKey: NUMBER
14. SalesQuantity: NUMBER
15. ProductKey: NUMBER

- Before you proceed further, you want to find out if you're familiar with the stakeholders of the FACT\_ONLINE\_SALES table.

Enter the following prompt:  
*who is the stakeholder of @FACT\_ONLINE\_SALES*

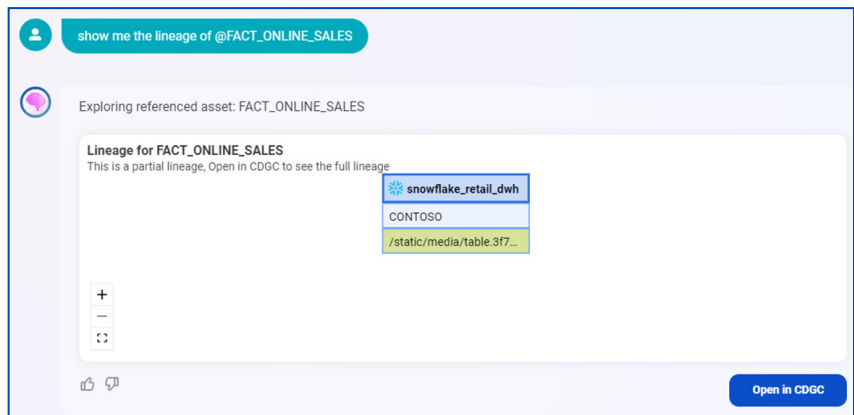
The response returns the stakeholder's name, role, and email address.



- You want to see the origin and destination data of the online sales table.

Use the following prompt to see the data lineage of the table:  
*show me the lineage of @FACT\_ONLINE\_SALES*

The response returns a partial data set level lineage.



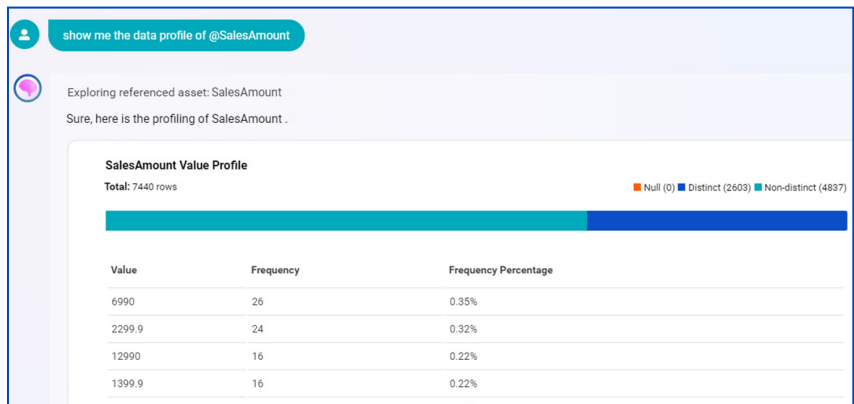
Click **Open in CDGC** to see the complete detailed data set level lineage.

- To understand the online sales patterns, you can view the profiling statistics in the tables that you've discovered.

Enter the following prompt to view suggestions for the table columns you've explored in your conversation history:  
*show me the data profile of @*

Select the 'SalesAmount' column.

The response returns the profiling statistics for the specified column. You can see if the column contains any null, distinct, or non-distinct values.



10. In addition to online sales, you want your report to contain information about store sales.

In the prompt, use @ to see suggestions for the names of data sets and select FACT\_STORE\_SALES:

*show me the overview of @FACT\_STORE\_SALES*

The response returns the descriptions, a preview of the columns, and stakeholder information for the table.

show me the overview of @FACT\_STORE\_SALES

Exploring referenced asset: FACT\_STORE\_SALES

TABLE | FACT\_STORE\_SALES  
There is no description.

snowflake\_retail\_dwh / EMEA\_DEMO\_ENV / CONTOSO Data Elements: 20 Stakeholders: John Doe

Last Updated: 07/28/2023, 12:07 AM

Contains: Column

1	DiscountAmount	6	ReturnQuantity	11	SalesKey
2	LoadDate	7	SalesAmount	12	CurrencyKey
3	ProductKey	8	TotalCost	13	DateKey
4	channelKey	9	UpdateDate	14	DiscountQuantity
5	ETLLoadID	10	PromotionKey	15	ReturnAmount

Show 15 of 20

After discovering the sales data sets and exploring the metadata of a few tables, you decide to use the FACT\_SALES, FACT\_ONLINE\_SALES, and FACT\_STORE\_SALES tables in Snowflake to create a sales performance report for your organization.

## Conversation options

For each conversation with CLAIRE GPT, you can also:

- Rename a conversation if you want to query the data frequently.
- Like or dislike a response, and add comments to send your feedback to the CLAIRE GPT team.

## Where data & AI come to

