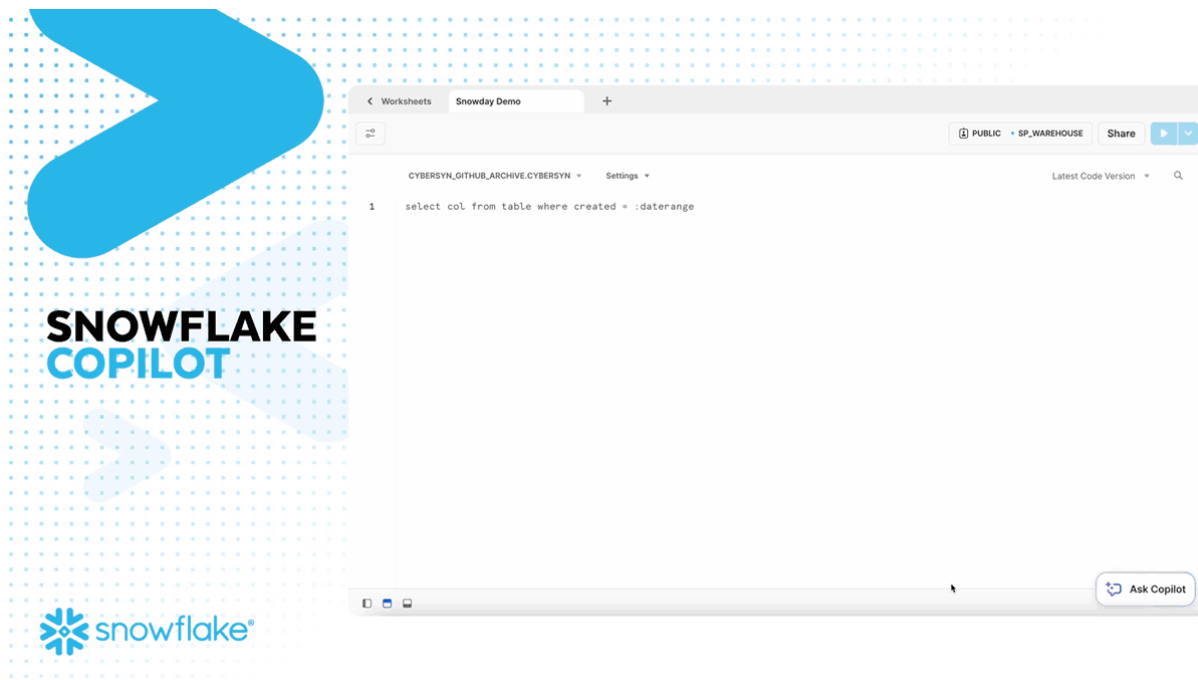# What is Snowflake Copilot? – Part-IV

Snowflake Copilot is an LLM-powered assistant that simplifies data analysis while maintaining robust data governance, and seamlessly integrates into your existing Snowflake workflow.

Note: *This feature is currently in preview and will be rolled out to AWS regions us-east-1 and us-west-2.*

Snowflake Copilot runs securely within **Snowflake Cortex**, Snowflake's intelligent, fully managed AI service. This means your data and metadata always stay safe within Snowflake. Copilot uses natural language requests, so you can interact with it just like you would with a human assistant.

Supported Use Cases

Snowflake Copilot can assist you with various tasks, including:

- Exploring your data with open-ended questions

- Generating SQL queries from plain English questions

- Refining SQL queries and exploring data further through conversation

- Learning about Snowflake features and capabilities

- Improving your queries with optimization suggestions

- How to Use Snowflake Copilot

Using Snowflake Copilot is simple:

1. Make a new worksheet or open one you already have.

2. Click "Ask Copilot" at the bottom-right of the worksheet. This opens a panel called Snowflake Copilot on the right side.

3. Make sure you've chosen a database and a schema for the worksheet. If not, you can pick them from the options at the top or bottom of the worksheet.

4. Type your question in the message box and hit send or press Enter. Snowflake Copilot will give you an answer in the panel.

5. If Snowflake Copilot gives you SQL statements:

- Click "Run" to run the query. It'll be added to your worksheet and run.

- Click "Add" to change the query before running it. It'll also be added to your worksheet.

Copilot PREVIEW ⌄   ✕

Welcome to Snowflake Copilot!

I can help you with the following things:

✦ **Write SQL queries based on your available data**	↳ **Improve your SQL queries through conversation**
🗄 **Explore your data with open-ended questions**	📖 **Learn about Snowflake concepts and features**

Please note there are some limitations:

⚠ I may sometimes generate inaccurate responses	⏱ It may take a few seconds to complete a response

Ask a question about your data. Use @ to find tables and columns.   ▷

🗄 Select Database

- Snowflake Copilot's Limitations:

Language Limitation: Currently, supports only English and SQL.

No Direct Data Access: Cannot access data directly in tables; specific values must be provided for filtering.

Limited Cross-Database Queries: Does not support queries involving multiple databases or schemas; use views to combine data.

Possible Delays: Responses may be delayed depending on query complexity.

Potential Errors in Suggestions: May suggest queries with errors or reference non-existent tables/columns; feedback improves accuracy.

Delay in Recognizing New Data: Takes a few hours to recognize newly created databases, schemas, and tables.

Limit on Considered Tables and Columns: Considers only the top 10 relevant tables and columns when generating a response.

Conclusion

Snowflake Copilot is a game-changer for data analysis in Snowflake. It empowers non-tech users by making data analysis accessible. It democratizes data access, enabling business stakeholders without SQL skills to engage with data, speeding up decision-making and fostering a data-driven culture. Benefits include enhanced data security, easy data analysis

with natural language processing, improved efficiency, and user-friendly data exploration.

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