

Ncore Software AI Data Explorer

Quick Start Guide

Getting Started guide | October 2026

Ask questions about connected data in natural language, inspect SQL and results, and reuse saved queries to reduce AI calls.

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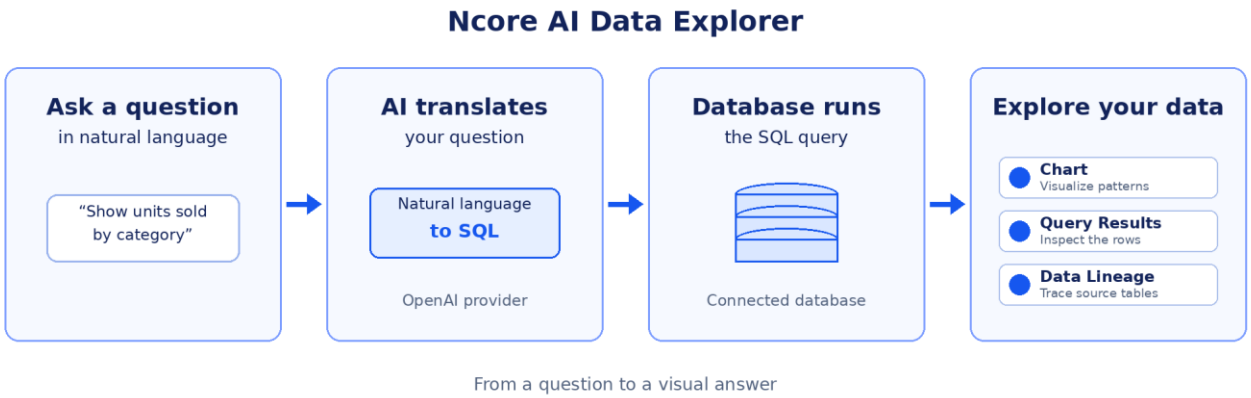
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Welcome to Ncore AI Data Explorer

Ncore AI Data Explorer is a modern application with a rich interface that lets users ask questions in natural language across multiple databases. Its AI engine translates those questions into SQL, removing the complexity of writing queries by hand. This powerful capability helps anyone explore, visualize, and understand their data faster, while thoughtful features make the experience engaging and productive.



Ncore AI Data Explorer overview

Your database contents stay between the database and the application. Ncore uses your question and selected schema metadata to generate SQL. Database contents and query results are not sent to AI.

Linux container requirements

Use the commands for your Linux distribution before running the deployment script.

Requirement	Example or check
Docker on Ubuntu 24.04	`sudo apt update` `sudo apt install docker.io docker-compose-v2 wget`

Docker on RHEL	`sudo dnf install dnf-plugins-core wget`
	`sudo dnf config-manager --add-repo https://download.docker.com/linux/rhel/docker-ce.repo`
	`sudo dnf install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin`

Start and verify Docker	`sudo systemctl enable --now docker`
	`sudo docker info`
	`sudo docker compose version`

Network access	Allow the server to download the installer and pull the image. Allow browser access to TCP 6001 or the configured port. Allow the container to reach the database.
Storage and access	Keep persistent storage for licenses, accounts, and settings. Have database credentials ready and activate the license and managed AI access before querying.

1. Getting started – Linux server edition

Download file: **wget https://ncoreblobstore.blob.core.windows.net/dataexplorer-web/deploy-ai-data-explorer.sh**

Run on linux host-→ **bash ./deploy-ai-data-explorer.sh**

- **Open Ncore AI Data Explorer** to http://192.168.10.4:6001. Replace the example IP with your host address. The URL will open a login page use the following credentials [**username**: Administrator, **password**: admin].
- **Go to License** → to obtain trial license from Ncore software, see page 144 for illustrated steps
- **After Activation go to** → **User accounts** to add user entitlements application access.
- Login as an entitled user and go to Connections to add/configure database access. The Administrator's page is for adding user entitlements and licensing.

2. Connect to a database

Open Connections. Choose the database type, enter its host or file location, database name, authentication details, and other fields shown for that type. Use Test connection, then Save connection.

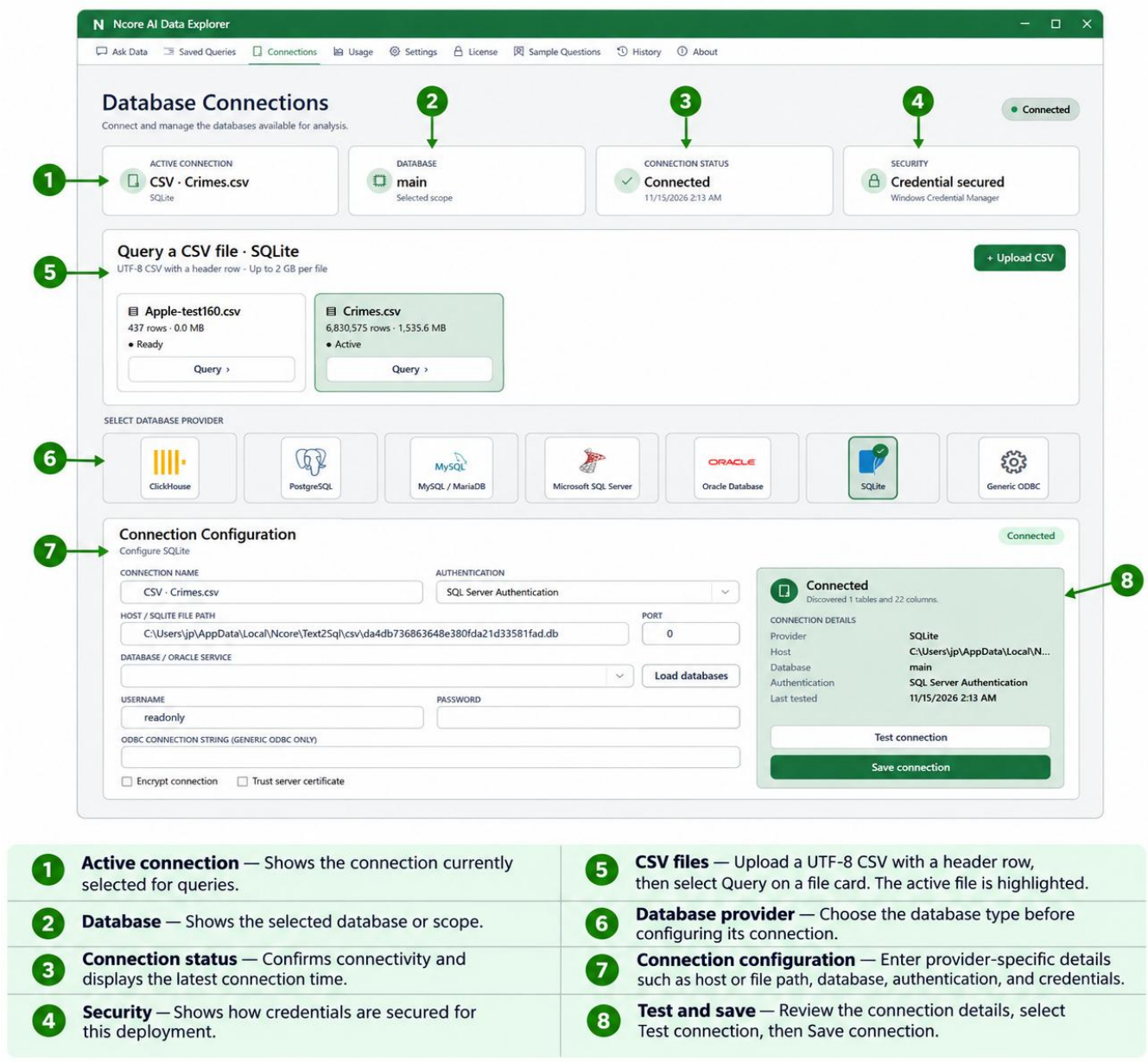
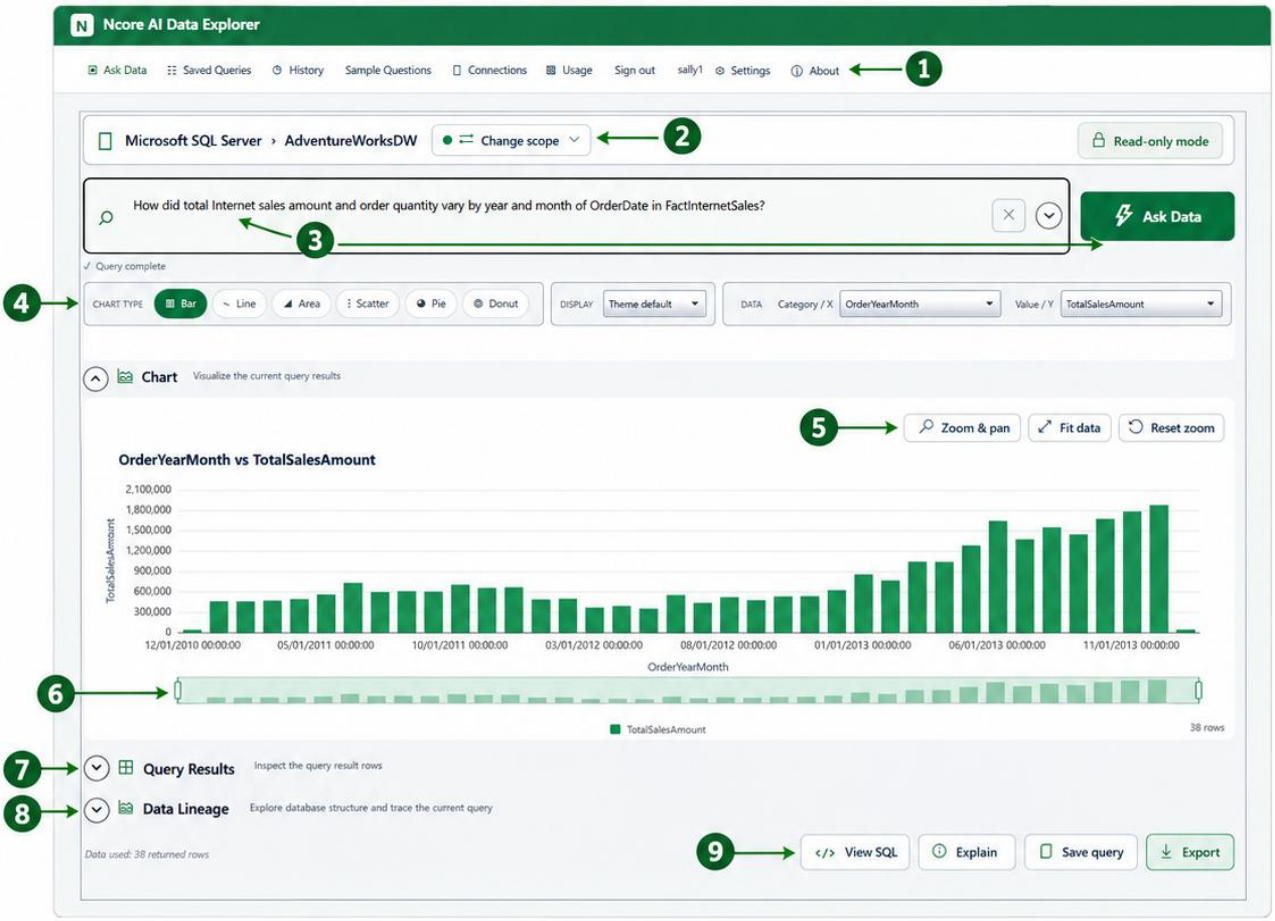


Figure 1 Database connections

3. Main window

Choose the active database with Change scope, enter a question, and select Ask Data. The numbered markers identify the main controls and result panels.



1. **Navigation** — Open Ask Data, saved queries, history, sample questions, connections, usage, or settings.
2. **Database scope** — Review the active database and use Change scope to select your query context.
3. **Ask a question** — Describe the analysis in plain language, then select Ask Data.
4. **Chart settings** — Optional. Choose a chart type, display theme, and category and value columns.
5. **Explore the chart** — Zoom and pan, fit all data, or reset the zoom.
6. **Overview slider** — Drag the handles to focus on a portion of the chart.
7. **Query Results** — Expand to inspect the returned rows.
8. **Data Lineage** — Expand to explore database structure and trace the current query.
9. **Query actions** — View SQL, explain the query, save it for reuse, or export results.

Figure 2 Main window feature markers

4. Charts and query details

Choose the connected database and ask a question that identifies the measure, grouping, and any time period you need. For example: “Show units sold by category.” Review the chart title and axes before using the result.

Chart types

Select a chart type from the chart controls. The five supplied views are shown below; the available controls and useful chart type depend on the returned fields.

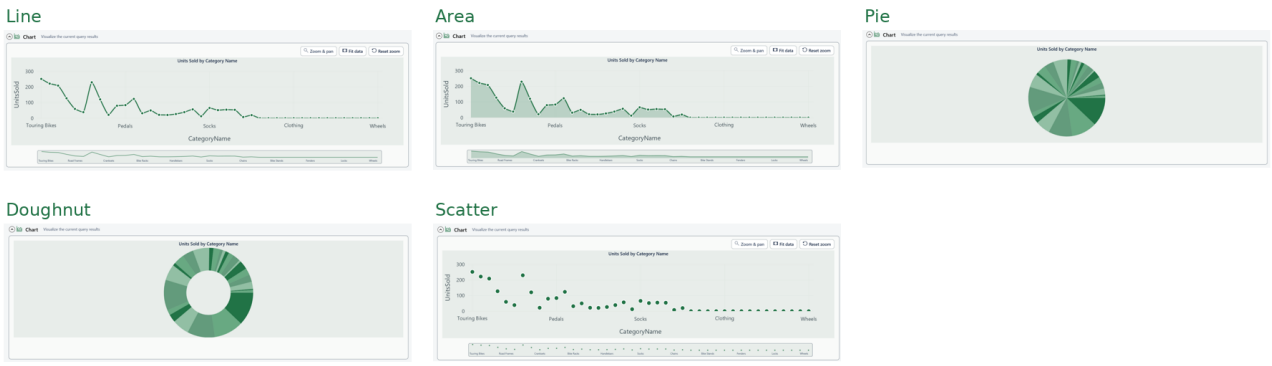


Figure 3 Line, area, pie, doughnut and scatter chart views

Query Results

Expand Query Results beneath the main chart (marker 7) to inspect returned records and numeric values. Compare these rows with the chart categories and measures.

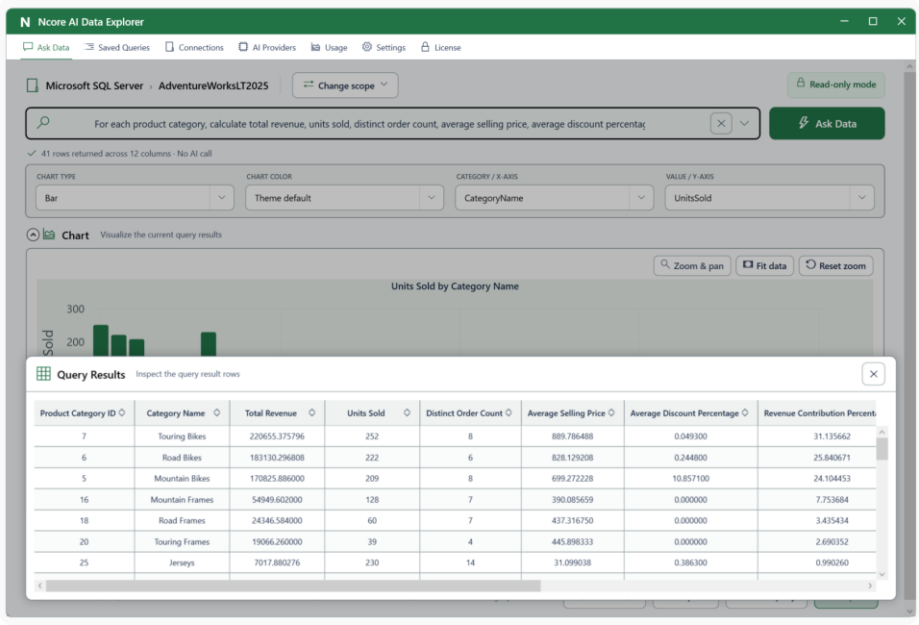


Figure 4 Query Results

Data Lineage

Expand Data Lineage beneath the main chart (marker 8) to see the database objects associated with the current result. Compare the displayed tables and relationships with your question.

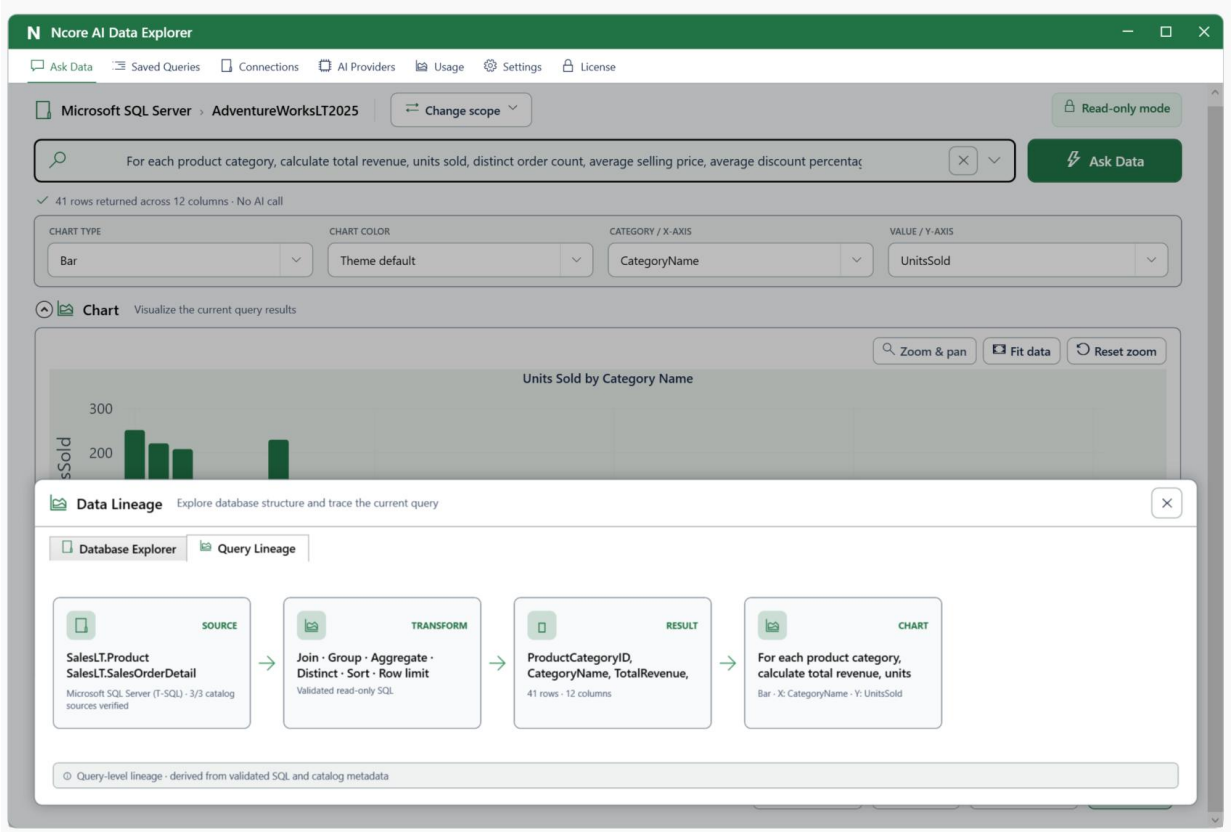
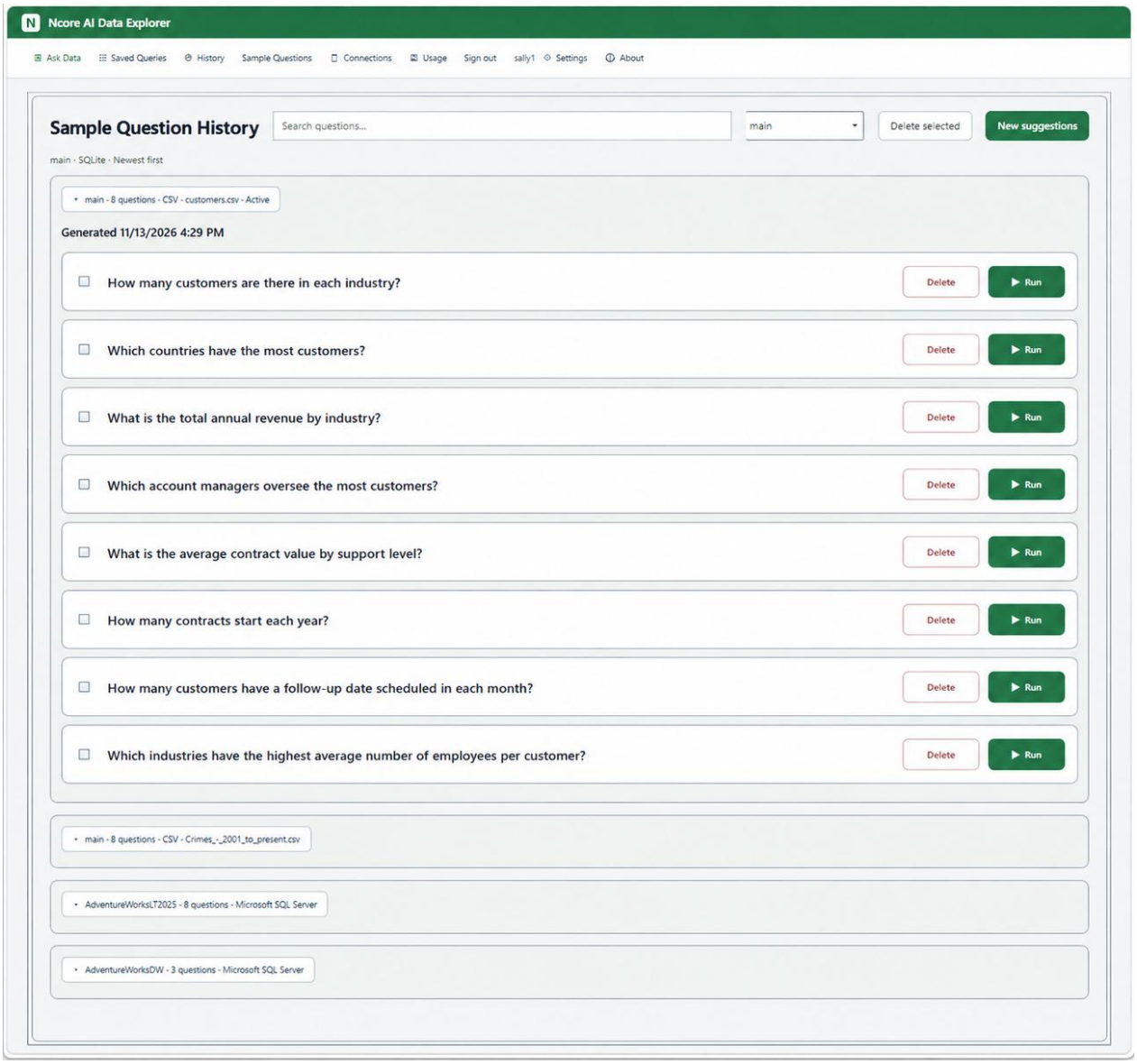


Figure 5 Data Lineage

5. Sample Questions

uses AI to generate up to eight questions based on the selected database's schema. Select a database, then click "**New suggestions"**. Click the button again to request more suggestions.



6. Saved Queries

Saved Queries reduce repeat AI calls. Save useful generated SQL from the main workspace, then open Saved Queries to review and run it again. Reusing stored SQL avoids asking AI to translate the same question again.

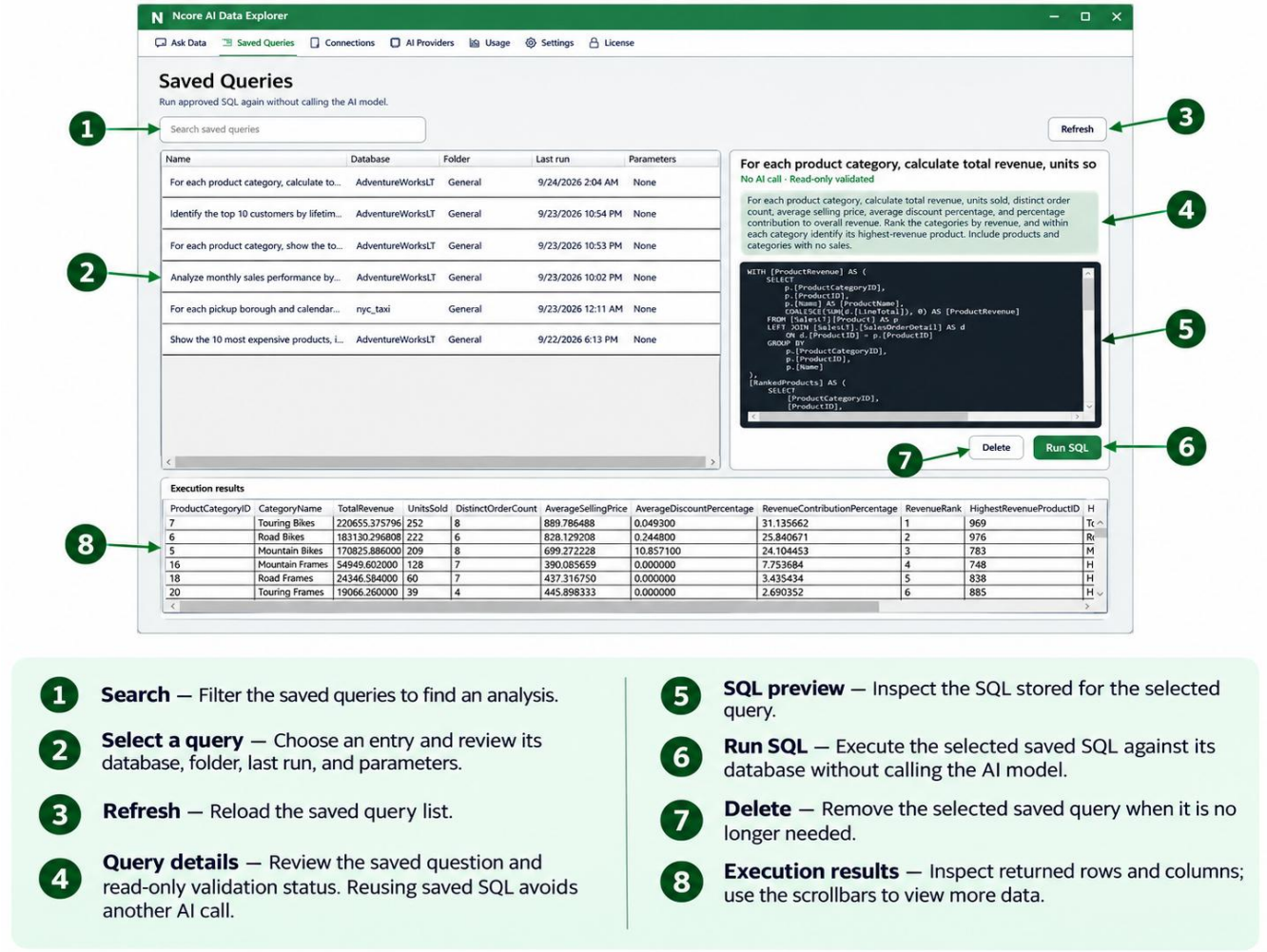
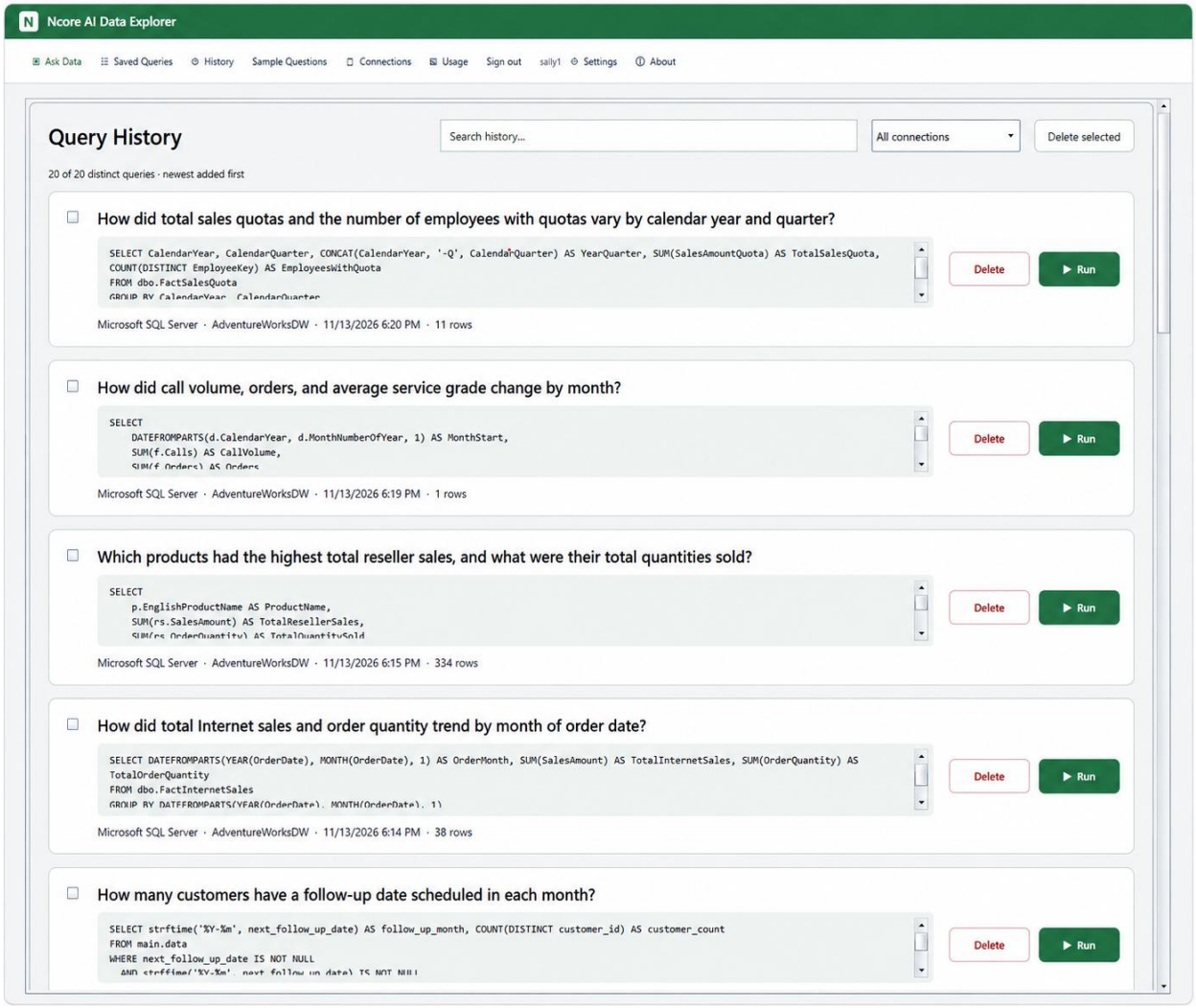


Figure 6 Saved Queries

7. Query History

The history page reduces repeated AI calls and retains up to 20 of the most recent queries executed. Each card illustrates the actual language statement along with the corresponding SQL command statement. Open Query History to review and run it again.



8. AI Activity

Open Usage to review AI Activity, including requests, input and output tokens, response time and operation details. Select a preset period or Custom range; use the same From and to date for one day, or different dates for multiple days. Choose Refresh to update the view or Export CSV to save the activity records.

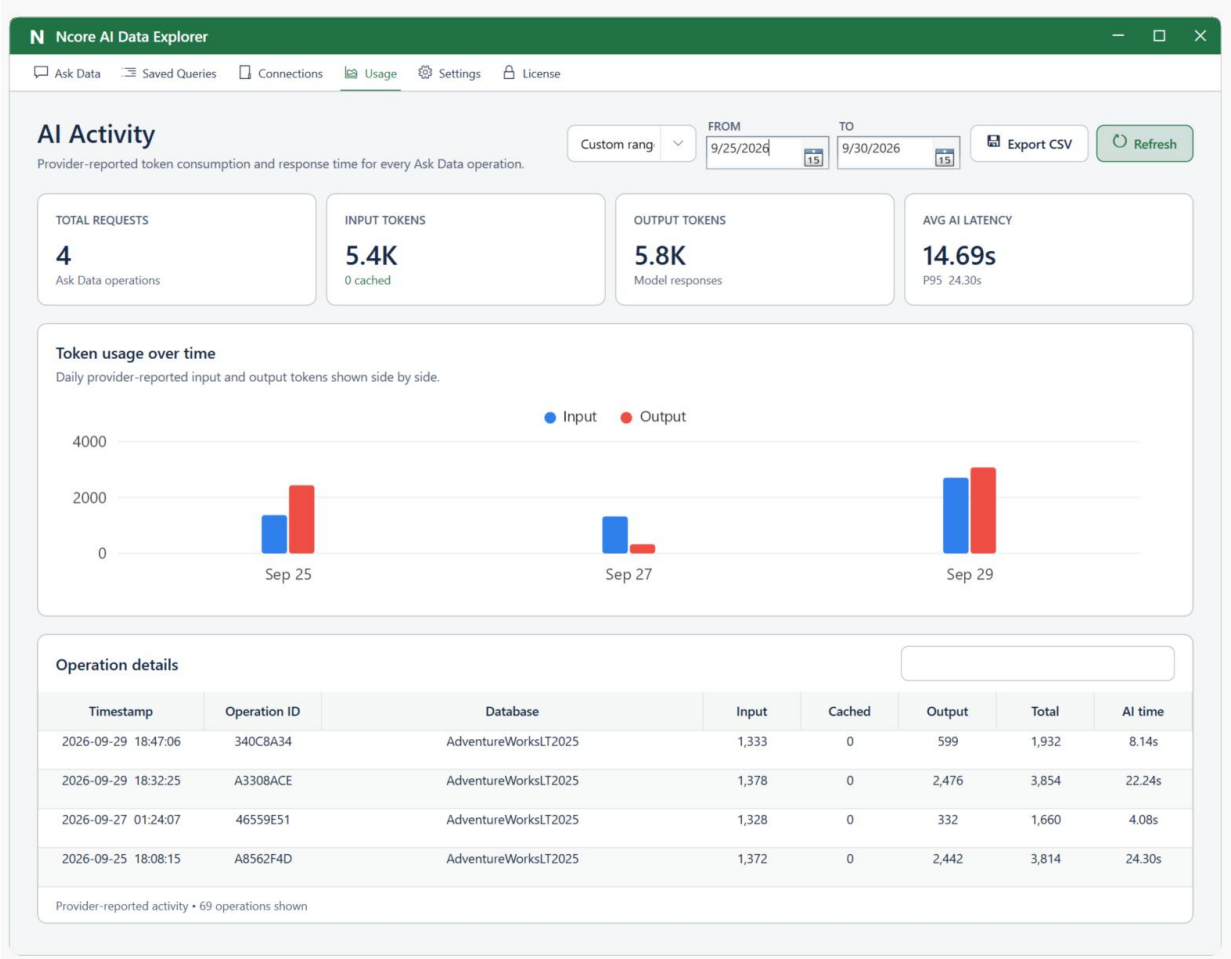


Figure 7 AI Activity

AI access is provided through Ncore managed service. If an authorization or usage limit message appears, contact the administrator responsible for your deployment.

9. License and Settings

Open License to inspect the activation state and license details.

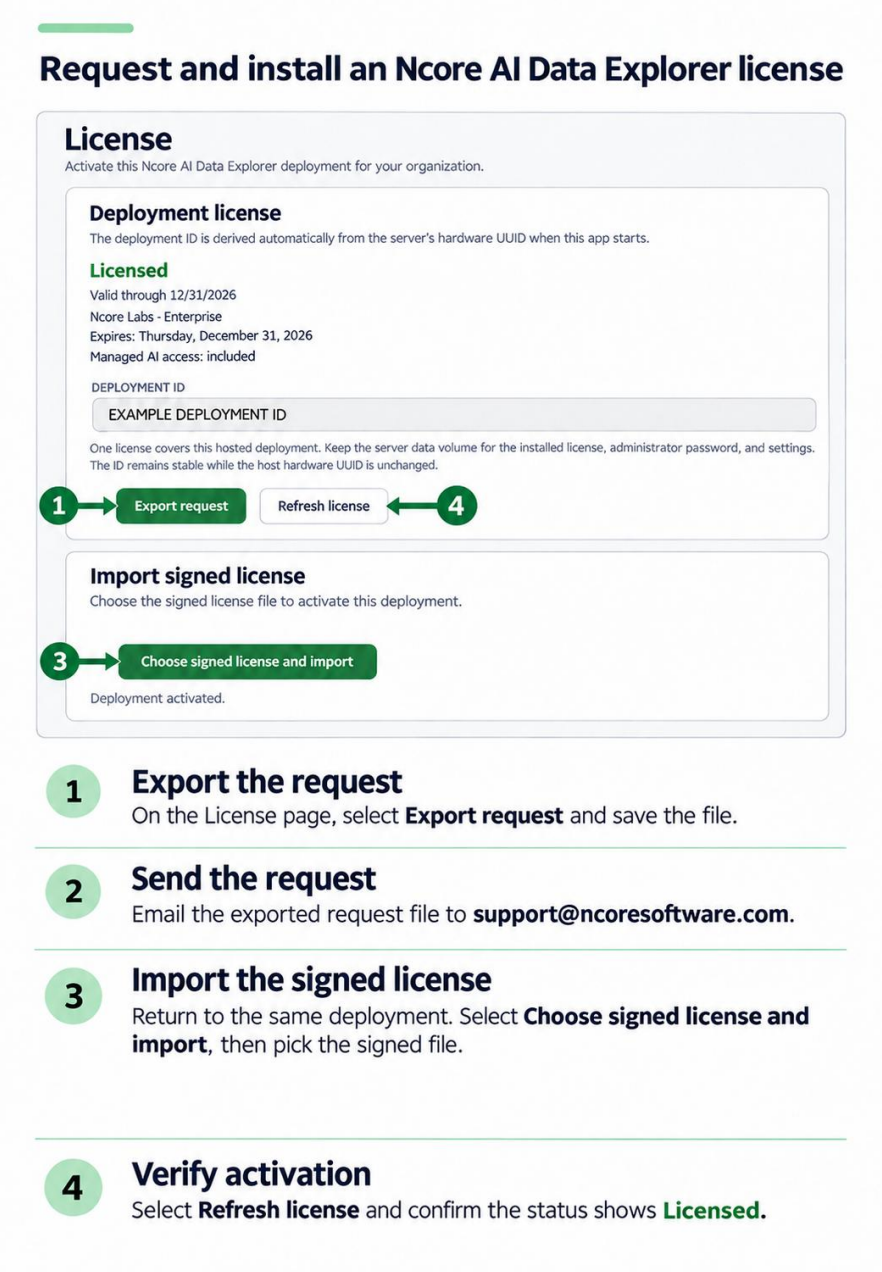


Figure 8 Product License

Settings

Open Settings to choose the application appearance and other available display options.

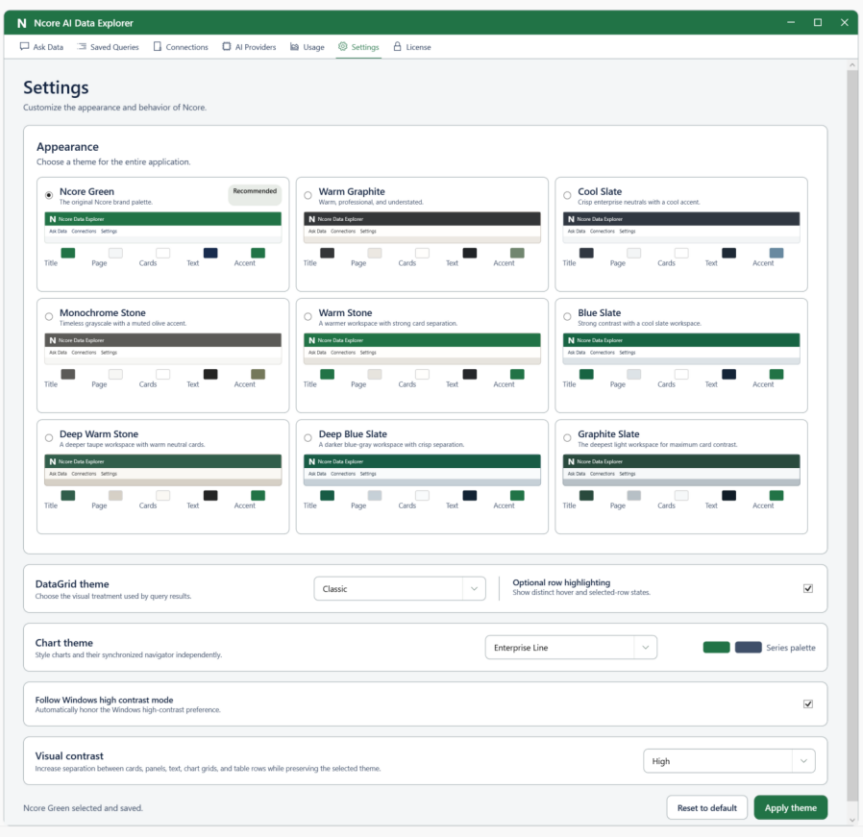


Figure 9 Settings

10. Security notes

AI prompts and data privacy. Ncore AI Data Explorer does not send database contents or query results to AI. Only your question and selected schema metadata needed to generate SQL are shared. SQL executes against your connected database, and results return directly to the application. Keep secrets and sensitive information out of questions.

Data access. The application connects with the database credentials you configure. Grant each connection only the access its users need, and review generated SQL and results before relying on them for sensitive decisions.

Credentials and licenses. Protect database credentials, API keys and license files. Use the supported configuration or licensing workflow; never paste credentials into questions or saved queries. AI access is provided through Ncore managed usage.

11. Troubleshooting

Database connection fails. Check the selected database type, host, port, database name, credentials, and network access. Use the connection test before saving.

AI generation fails. Check your Ncore managed AI access and the message shown by the application. Contact your administrator for authorization or usage limit issues.

No rows or an unexpected answer. Confirm the active connection and database scope. Narrow the question, specify the time range or filters, and inspect the generated SQL and Query Results.

Chart is empty or unsuitable. Check whether the query returned rows and whether the selected category and value columns match the chart type. Try another chart type or adjust the question.

Query takes too long. Use a shorter time range or a more specific filter. If the database is busy, try the query again after checking database connectivity.

License is unavailable. Open License to inspect activation status, then confirm that the installed license is valid for this computer and product.

12. First Query in 60 Seconds

Start once the application is installed, your license and Ncore managed AI access are active, and you have database credentials. Connection time depends on your environment.

1. Open Connections. Choose your database type.

2. Connect to the database. Enter the connection details, test the connection and save it.

3. Choose Change scope. Select the database you want to explore.

4. Enter a question. Try “Show units sold by product category” if your database contains sales data.

5. Choose Ask Data. Wait for the generated SQL to execute and the chart to appear.