

Chat with your Databases : Tools & Platforms

1. Datalang (Closed Source/Paid):

Lovely feature to deploy multiple chatbots connected to different data sources. Offers granular access controls and Python access. Starts at \$19 per month. Free tier available.

<https://datalang.io>

2. TalktoData (Closed Source/Paid):

Connects to any database with features like charts and multiple model options. Starts at \$19.99 with a free tier.

<https://talktodata.ai/>

3. Ask Your Database (Paid):

Nice feature to create multiple chatbots like Datalang. Includes web app integration and PDF uploads. Starts at \$39 per month with a free trial. <https://www.askyourdatabase.com>

4. Blaze SQL (Paid):

Offers schema analysis, SQL query editor, charts, and desktop apps. Includes Python integration and API layer access. Starts at \$39 per month. <https://www.blazesql.com>

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5. WrenAI (Open Source/Paid)

Unique features: Data modeling functionality similar to Power Query/Power BI, ability to create views, semantic engine architecture, model definition language, and data export to Excel and Google Sheets. Includes a Wren AI service that uses a vector database for context retrieval. 2.1K GitHub stars. Managed version starts at \$29/month with a free tier available. <https://getwren.ai/>

6. Chat with Your Database (Open Source):

Built with Supabase for auth and Next.js. Features include interactive table views, query stats, and charts. Excellent implementation of DB connection using Next.js routing with /api directory. <https://chat-with-your-database.vercel.app>

7. SQL Chat (Open Source):

A lightweight tool for database connections with a simple interface. GitHub 4.7K Stars but last updated 5 months back. <https://www.sqlchat.ai>

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8. AI Chat with a SQL Database 3.0 / The Code Wolf (Open Source):

Built with .NET, it supports Azure OpenAI services and includes schema view, table output, cloud deploy and auto-deployment. https://www.youtube.com/watch?v=REw3y_Jv3Ig

9. Julius AI (Closed Source/Paid):

Focuses on Google Sheets and uploaded files. Supports Python and R for queries, with exportable table outputs. Starts at INR 1500 per month. <https://julius.ai/files>

10. Hello Query (Closed Source/Paid)

Unique features: Build dashboards with ease. Pricing starts at \$59/month, with a free tier available. <https://helloquery.com/>

11. Quills AI

Unique features: SQL editor, results as interactive tables, tabbed view, interactive chart builder, file uploads and URLs as data sources in addition to database connections, and data preview export functionality. <https://www.quills.ai/>

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12. Findly AI

Feature-packed as per the website, including forecasting, semantic data modeling, and more. Couldn't fully test as the free tier doesn't allow database connections—this feature is available only in the enterprise version, which requires contacting the company directly. <https://www.findly.ai/>

13. Skills.AI

Supports a wide range of data sources but couldn't test due to lack of a free tier. Pricing starts at \$19/month. <https://skills.ai>

14. Vanna AI (Open Source):

Python-based RAG implementation. Data flows into a RAG pipeline which is then queried. <https://vanna.ai/>

15. Oracle 'Select AI' with Autonomous Database:

Features NL-to-SQL 'Select AI' as well as RAG integration with Oracle's Autonomous Database. Seemed relatively straightforward to implement. Covered in Oracle's free tier.

[Blog link here](#)

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16. Google: Build an AI Data Exploration Agent with Gemini

Nice implementation with Big Query using its native API endpoint.

<https://ai.google.dev/gemini-api/tutorials/sql-talk>

17. '5 Ways for Chatting with Your Data on AWS:

AWS community article showcasing different methods to interact with data using NL-to-SQL tools. Amazon Q was an interesting one. [Blog link here](#)

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18. Volo Builds (Open Source):

Must-watch if you want to learn how to build a full-stack data apps with Cursor AI. The AI to SQL video implements an excellent LLM network for high accuracy with a well-structured codebase. Beautifully explained. Work of art.

<https://www.youtube.com/watch?v=5LlfSpr3GDM&t=334s>

19. Dataherald (Open Source/Paid)

A brilliant API layer architecture for deploying NL-to-SQL apps. Database connections are handled through an admin module, with actual connections secured via API keys. Key features include Golden SQL, detailed instructions, metadata management, and fine-tuning options. Paid plan is \$0.90 per query asked. GitHub 3.4K stars, though last update was 5 months back.

<https://www.dataherald.com>

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*More details on REX
because I developed it!*

REX-2 (Open Source)

Functionalities

- ▶ Natural Language (NL)-to-SQL: Queries, Append, Joins, Merging, Summarization, Transformations
- ▶ Complex Analysis: Credit Card Segment Profiling
- ▶ NL-to-Python, Statistical Analysis & Python Charts
- ▶ Interactive Tables: Sort, Filter, Stats
- ▶ Data Structure Reports & Quick AI Analysis
- ▶ PDF Generation: Formatted Analysis Reports
- ▶ Connect to ANY DW (MySQL/PostgreSQL)
- ▶ Create Temporary DBs on the fly for rapid analysis
- ▶ F2D – Direct upload of CSV/TXT into database table.
- ▶ Basic Authentication: Auth0

Planned

LLM/Agent Network , Python-SQL Log streaming , Custom Python Code Interpreter (PCI), Advanced statistical analysis, Automation Workflows, Generic Excel-to-CSV converters, Web scrapers, Real-Time Voice (OpenAI alternative), Security, ML models, Interactive dashboards, Authentication based database access. <https://rex.tigzig.com>

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REX-GPT (Custom GPT Implementation of REX; Open Source)

Connecting databases with ChatGPT using a Custom GPT is straightforward. I've shared an implementation that connects REX's backend FastAPI server to a Custom GPT, enabling users to connect and chat with databases. Features such as an authentication mechanism for user-specific access, can be incorporated, either built out separately or by connecting to an API layer like Dataherald.

While a Custom GPT may not have all the bells and whistles of an independent app with a polished UI, this approach is practical and gets the job done.

- Simple: No custom UI builds, or agent setups required.
- Efficient: ChatGPT serves as the interface, leveraging GPT-4, Python integration, charts, and voice mode (regular only).
- Cost-Effective: Avoids separate token costs beyond the \$20 monthly subscription.
- Ideal for rapid deployment or when custom builds or integrations aren't necessary.

<https://link.tigzig.com/rexGPT>

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