

Live | Open Source | Free

Database AI

Built for day-to-day work. For analysts and teams

5 Categories

10 Micro Apps

Chat with your PostGres, MySQL and DuckDB databases. Analyze. Transform. Visualize. All In natural language.

app.tigzig.com

What is Database AI

A set of AI tools that let you query, transform, and visualize databases directly in conversational English

Generally available features across all apps

1. Convert natural language to SQL and execute query against your connected databases
2. Run complex multi-step processing to create data marts and transform tables with natural language
3. Connect to databases on the fly, or set-up pre-configured connections.
4. Connect to remote MySQL and Postgres databases, as well local in-browser with DuckDB

What are Micro Apps

Tools made by analysts and end users

In finance, operations, marketing ,
analytics...

For day-to-day work

For use in small teams

Not company level software

App Categories

1. Custom Build

Customized interface and functionalities

2. Rapid Deploy:

With Flowise native user interface

3. ChatGPT:

Connected to databases. Fast to deploy

4. Voice AI

Realtime voice AI connected to databases

5. Excel to Database

Not an AI App. But a tool to connect to remote database from Excel. Runs Python in Excel with xlwings Lite

Custom Build

1 DATS-4: Remote Databases

Connect to and chat with remote databases

- Connect to any database on-the-fly
- Multi-step multi-agent framework for reasoning-based advanced analysis
- Choice of 9 LLMs
- Upload CSV/TXT files directly to remote DB
- Download files
- Python charts and statistical analysis
- Debugging logs

Custom Build

2

DABX-1: DuckDB In-Browser

DuckDB running locally in your browser.

- Custom SQL Rooms implementation
- DuckDB runs locally in browser
- Process Gigabytes files efficiently (CSV, TXT, Parquet, JSON)
- Multiple AI model support
- Charts and visualizations
- Import/export database files
- SQL editor for advanced queries

ChatGPT

3 Connect ChatGPT to Any Database

Transform ChatGPT into your database analyst.

- Connect to any MySQL or PostgreSQL
- Fast deployment with no custom UI builds needed
- Built-in Python code interpreter for stats
- Auto-generated charts and visualizations
- Cost-effective - no separate token costs
- FastAPI backend handles connections

ChatGPT

4 ChatGPT : Fixed Databases

ChatGPT simultaneously connected to pre-configured database across multiple providers e.g
Supabase, AWS, Neon, Aiven etc

- Direct database connections to multiple pre-configured databases and schema
- Built-in ChatGPT Python code interpreter
- Statistical analysis and chart generation
- No custom UI needed – ChatGPT is the UI
- FastAPI backend for connectivity

ChatGPT

5 ChatGPT - Connect via n8n

Connect ChatGPT to n8n for database queries, automation, and Google Apps Script integration.

- Update any backend system via API endpoints
- Automate tasks with Google Apps Script
- Transform and process data in n8n
- Connect to databases for real-time updates
- Generate PDF reports and presentations

Rapid Deploy

6 Rapid Deploy: General Analyst

Connect to any database with Flowise UI.

- Rapid deploy Flowise user interface
- Connect to any database on-the-fly
- Chat, analyze, transform data
- Python charts and statistical analysis
- Generate formatted security analysis reports in PDF & HTML formats

Rapid Deploy

7 Rapid Deploy: Advanced Analyst

Advanced Database Analyst with Flowise UI

- Rapid deploy Flowise user interface
- Multi-agent, multi-step reasoning based processing for advanced analysis.
- Connect to any database on-the-fly
- Python charts and statistical analysis

Realtime Voice

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Realtime Voice AI: Widget

Realtime voice connected to databases.
Rapid deploy with ElevenLabs widget

- Real-time voice interaction with databases
- Uses ElevenLabs rapid deploy widget
- Connected to pre-configured databases

*Note: This is an experimental app developed in 2024.
Capacity permitting, a refurbished and updated
version will be shared soon*

Realtime Voice

9 Realtime Voice AI: WebRTC

Realtime voice connected to databases via WebRTC for granular customization of UI / UX

- Real-time voice interaction with databases
- Connected to pre-configured databases
- Connected via OpenAI realtime API

Note: This is an experimental app developed in 2024. Capacity permitting, a refurbished and updated version will be shared soon

xlwings Lite

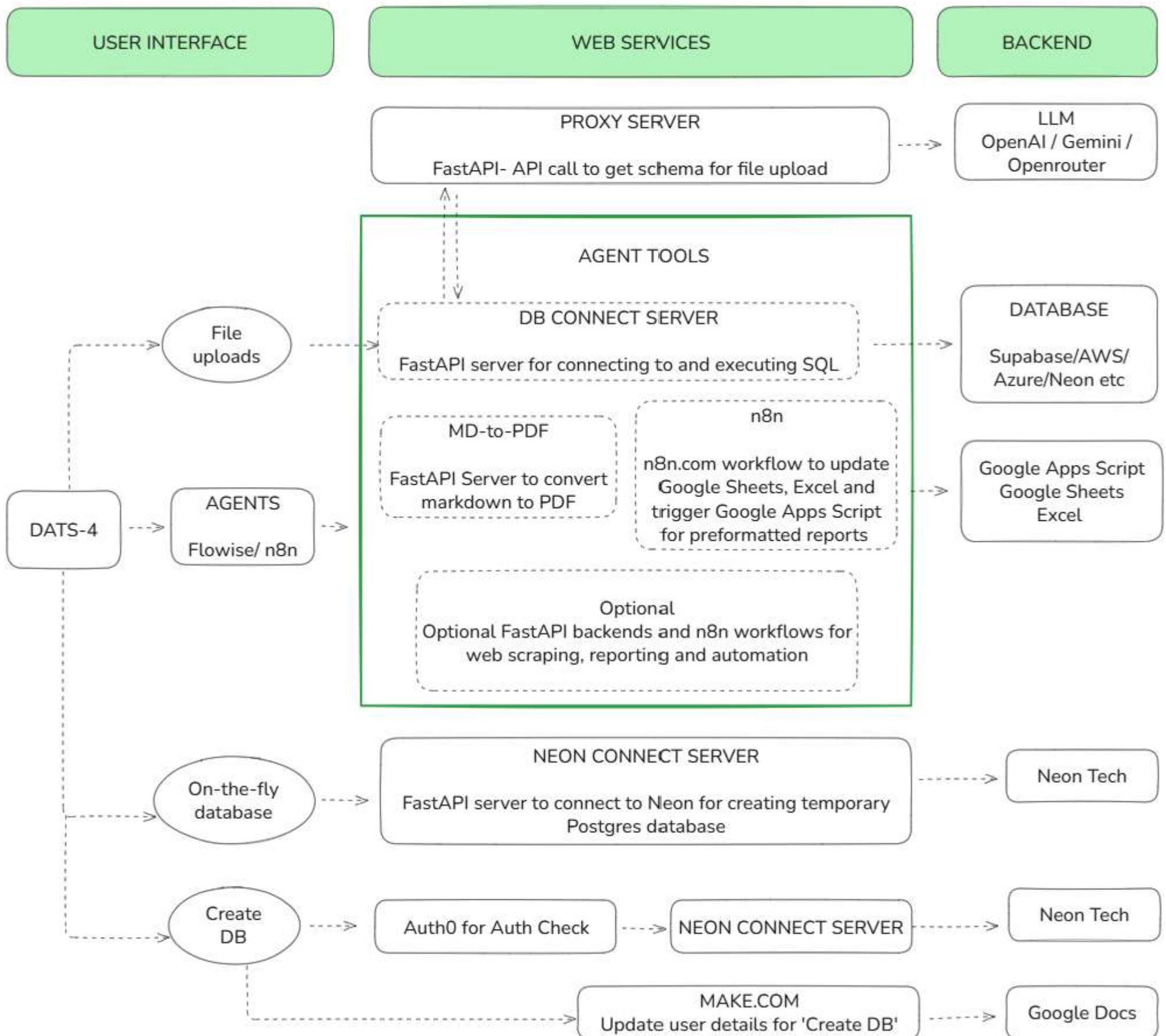
10 Excel to DB: with xlwings Lite

Not an AI App, but an automation tool to connect to remote databases from within Excel

- Connect to any PostGres and MySQL database from within Excel
- Runs Python script within Excel with xlwings Lite
- Connection via backend FastAPI server

Core Architecture

Modular architecture connecting across different user interfaces and apps



Components Based Architecture

- Mix and match deployment of individual tools
- Connect components to your own user interface

GitHub Repos	Description
Main App	The main application with the UI
FastAPI: Database Connector	Handles Text-to-SQL processing, including file uploads
FastAPI: Neon DB Creation	Temporary database creation with Neon
Flowise Agent Schemas	Sequential Agent Framework with LLM Agent built with Flowise AI
Proxy Server	For API Calls to OpenAI / Gemini / Openrouter
MCP Server - Markdown to PDF	For converting markdown to PDF
Quant Agent Backend Repos	The TIGZIG Quants Agent app integrated into a single tab

Numerous more components available open source at app.tigzig.com - web scraper, pre-formatted slide deck creator, Excel table to PDF, Excel and Google Sheets updater, file converters, finance data extractors...

Field Guides

Field Guide on Deploying AI on Databases

A 50-page, in-the-trenches field guide distilling the lessons, architecture, and rulebooks from 15+ months of deploying the DATS-4 suite for live client operations. This is a document of practice, not theory.

- Hard rules for security, datamart construction, agent orchestration, and LLM cost management.
- Costing: Cost Quality Matrix, LLM Choices

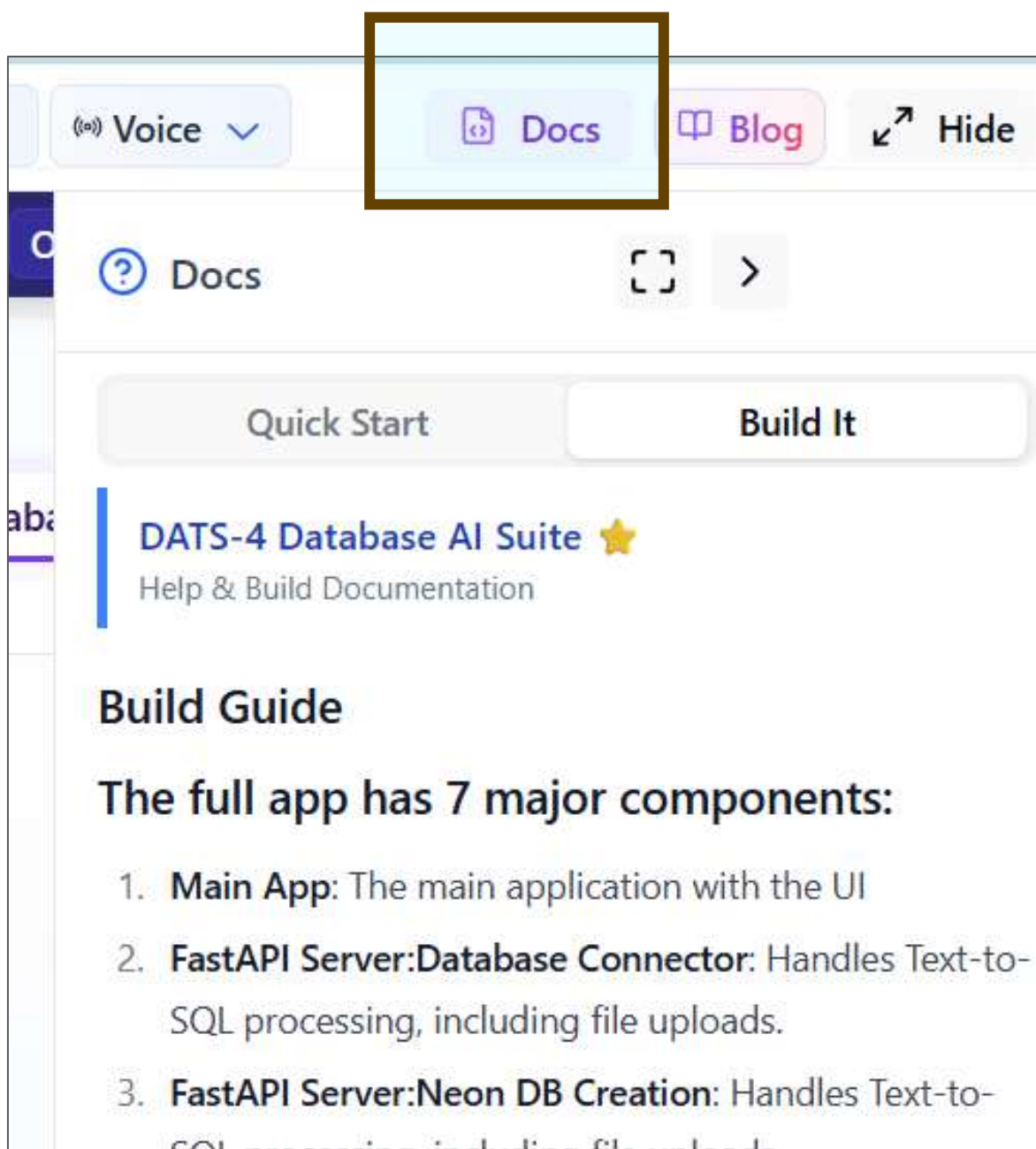
[Field Guide - Main \(Aug 2025\)](#)

[Supplement - Costing Update with Qwen3 Max \(9th Sep 2025\)](#)

[Supplement - Costing Update with Claude Sonnet 4.5 \(30th Sep 2025\)](#)

User Guides & Source Code

All source codes and user guide links on app page in docs section



- Hit Docs on the app page
- Links to source codes and build guide, including video guides

TIGZIG Analyst

Micro-Apps for Analytics

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