

# Webinar

October 22, 2025





# How to actually use your data with an LLM

LLMs may not contain your most recent data,  
and are prone to hallucinations.



## LLMs

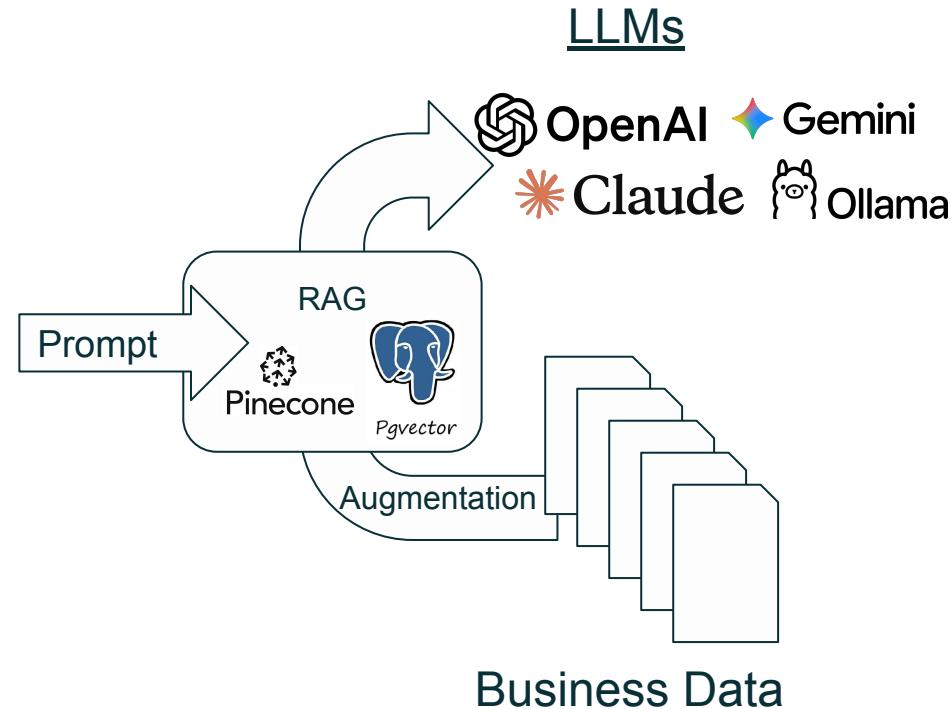




# How to actually use your data with an LLM

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***Retrieval Augmented Generation (RAG)***  
augments input prompts with additional, up-to-date, relevant data





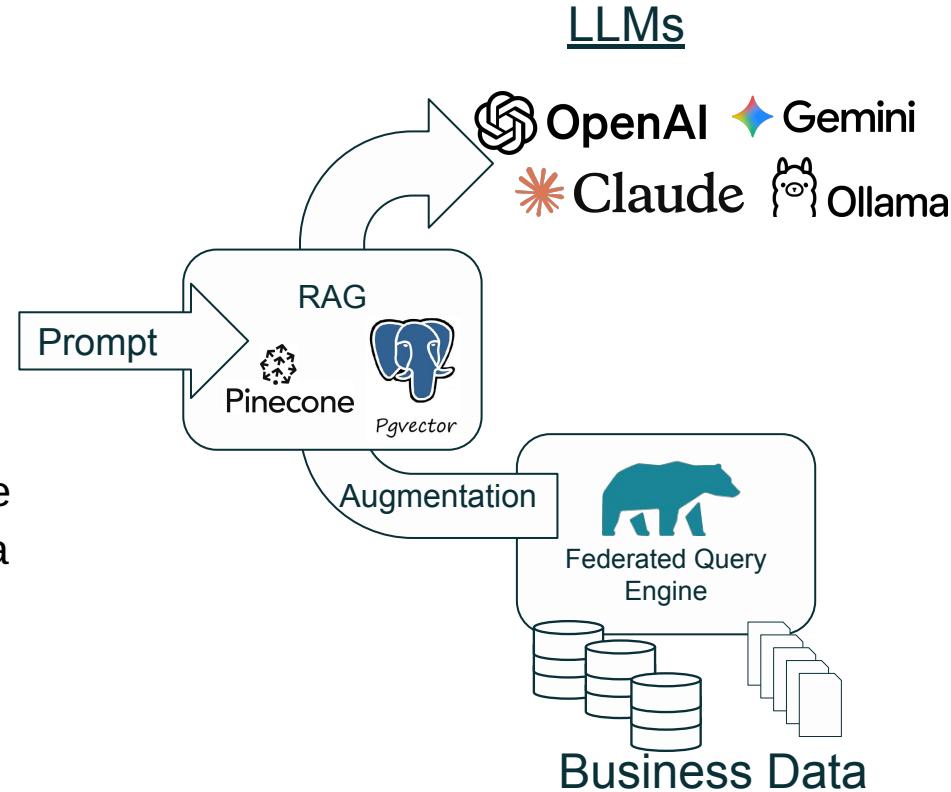
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**The MindsDB FQE** enables humans, AI, agents, and applications to get highly accurate answers across sprawled and large scale data sources.





# MindsDB Federated Query Engine (FQE)



**File Sources**  
PDF, CVS, JSON



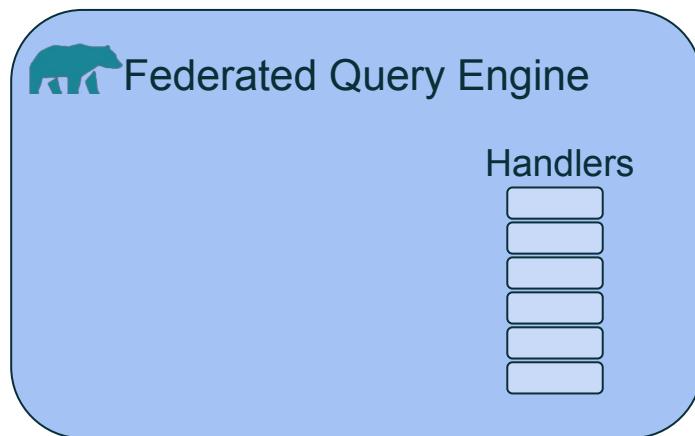
**Databases**



**API & SaaS Endpoints**



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File Sources  
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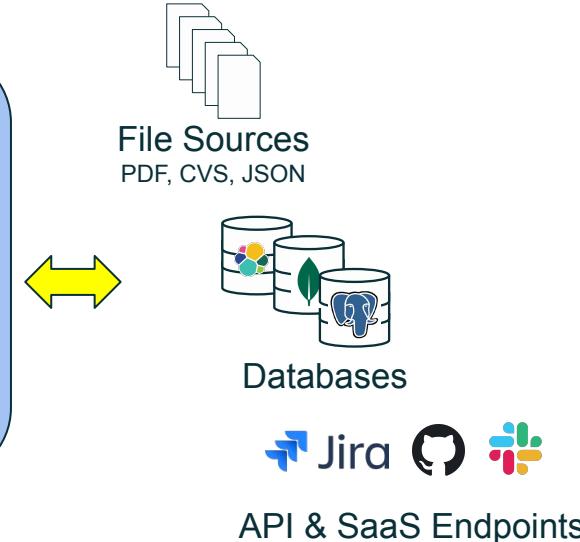
API & SaaS Endpoints



# MindsDB Federated Query Engine (FQE)

The screenshot shows a web browser displaying the MindsDB documentation at [docs.mindsdb.com/contribute/data-handlers](https://docs.mindsdb.com/contribute/data-handlers). The page is titled 'Build a Database Handler'. It features a 'Prerequisite' section with a note about having the latest MindsDB repository installed. Below this, a 'What are Database Handlers?' section explains that they act as a bridge to any database, allowing data retrieval from various sources. A 'Creating a Database Handler' section provides guidance on inheritance from the `DatabaseHandler` class. The page includes a search bar, a navigation bar with links like Documentation, Connect, Unity, Respond, MCP API, SDKs & APIs, Contribute, FAQs, and Slack, and a sidebar with links for contributing, installation, and community.

## Handlers



File Sources  
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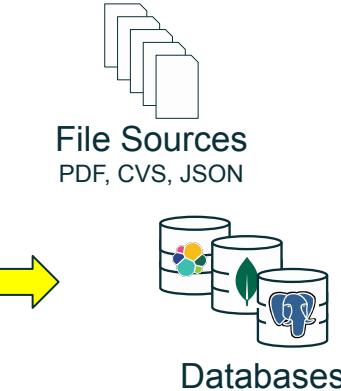
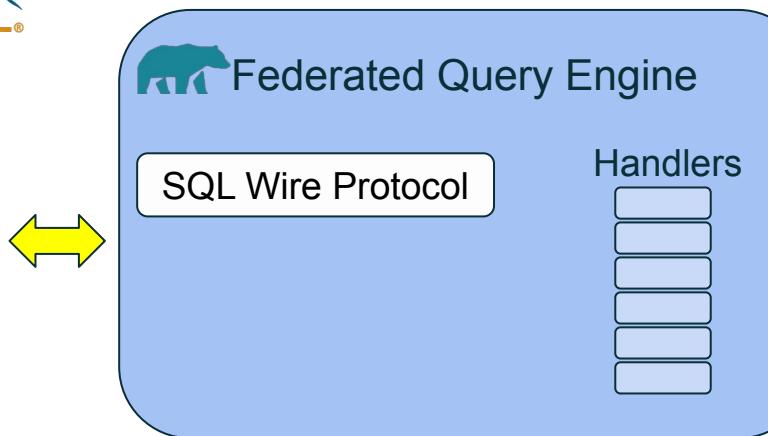
Databases



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# MindsDB Federated Query Engine (FQE)





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Database Drivers

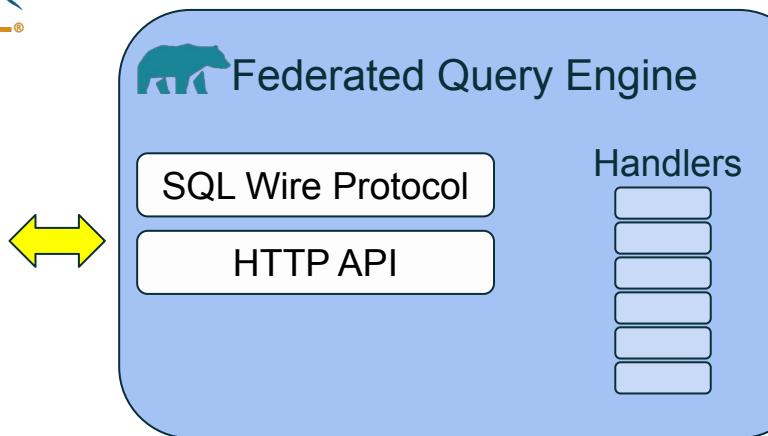


Javascript



Python

SDKs



File Sources  
PDF, CVS, JSON



Databases



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# MindsDB Federated Query Engine (FQE)



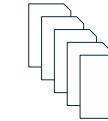
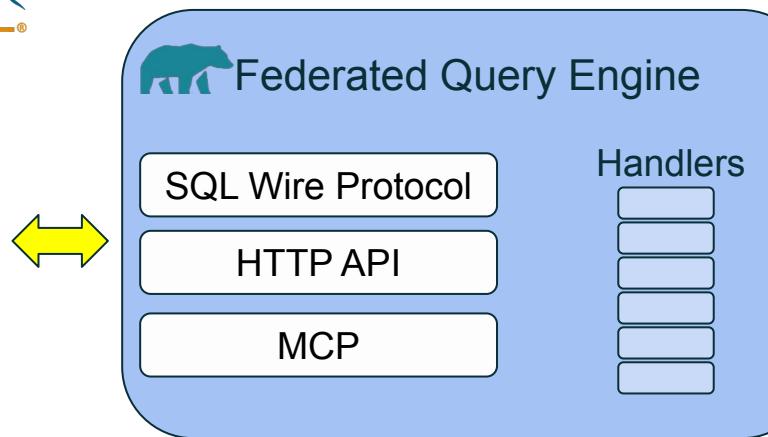
Database Drivers



SDKs



MCP Agents



File Sources  
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# A tour through the FQE...



# MindsDB Federated Query Engine (FQE)



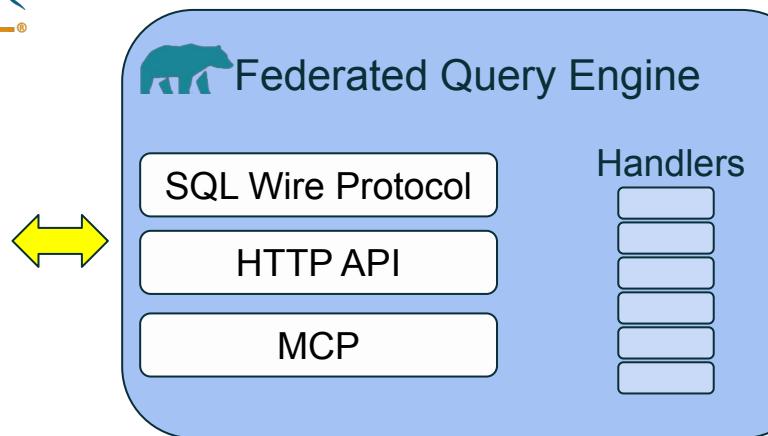
Database Drivers



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File Sources  
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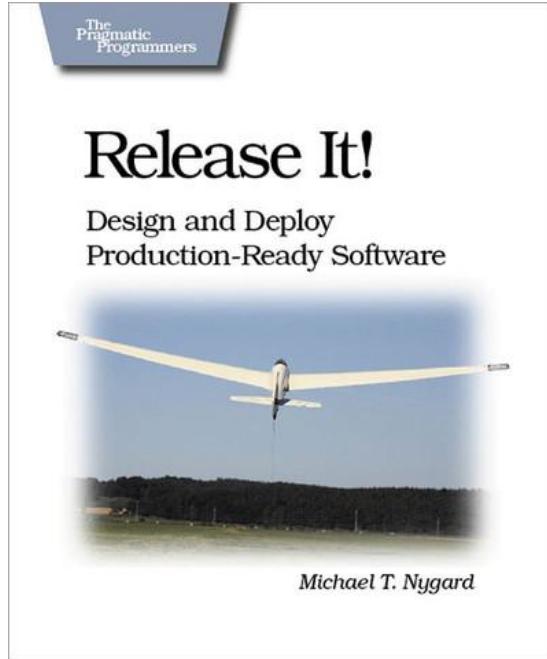
Databases



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# Benefits of an ETL free architecture



Points of integration are the points where two communicate with one another, and will be the point that will break first.

## Reduces

- Required monitoring and alerting
- Backup and recovery of the target databases
  - Recovery Point Objectives (RPO)
  - Recovery Time Objectives (RTO)
- Reduced security concerns

# Thank You!

