

Building Agents with MindsDB

Today's Speaker



Jorge Torres CEO MindsDB

Agenda



4

1

From Generic to Custom Enterprise AI

Agents Reference Architecture

Demo

Q&A



FROM: Generic AI

Great off the shelf AI that doesn't know your data and solves generic problems.

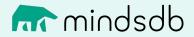




TO: Custom-Enterprise-AI

AI capable of continuously learning from your data, tailored to solve your specific enterprise challenges.

response = AI(request + Your Data)



Developers love us, because they can build production AI systems in a few lines of code

Enterprises love MindsDB, because it turns their existing workforce into an Al army.

MindsDB ecosystem

One of the leading Open Source Applied AI projects



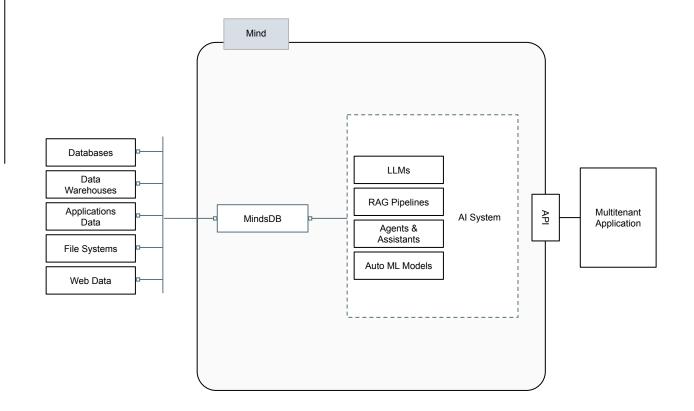


Industry Leading **Tech Partners Microsoft** mongoDB **snowflake** aws **NVIDIA**



Minds

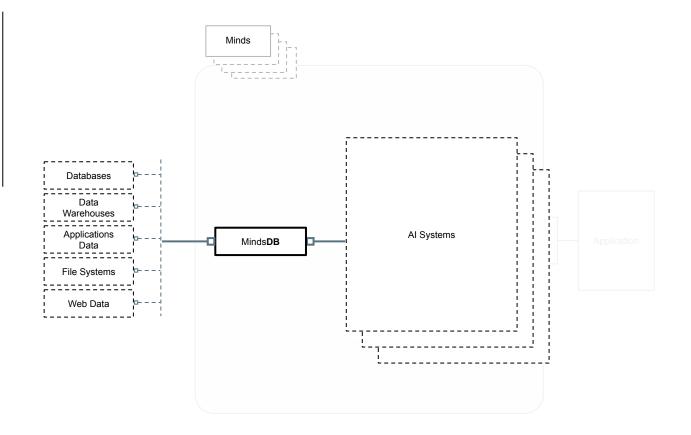
Minds are AI systems built for solving application challenges that require both **AI** and **data**.



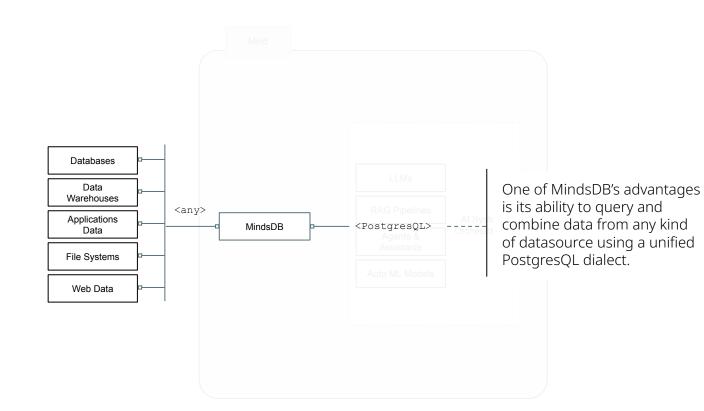
mindsdb

Minds**DB**

Minds**DB** is the server that **orchestrates** the data workflows between **data-**sources and the Minds' **AI systems.**



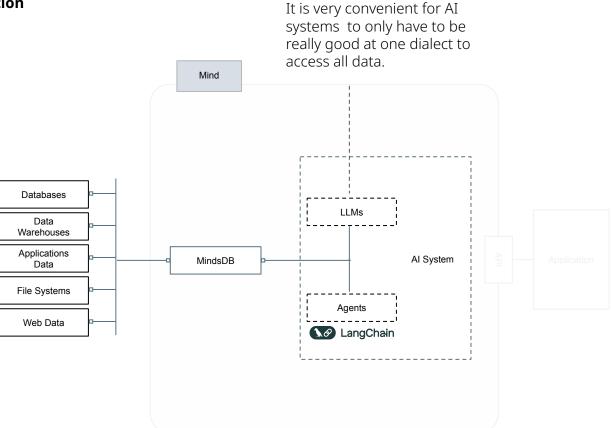






Langchian <> MindsDB Integration

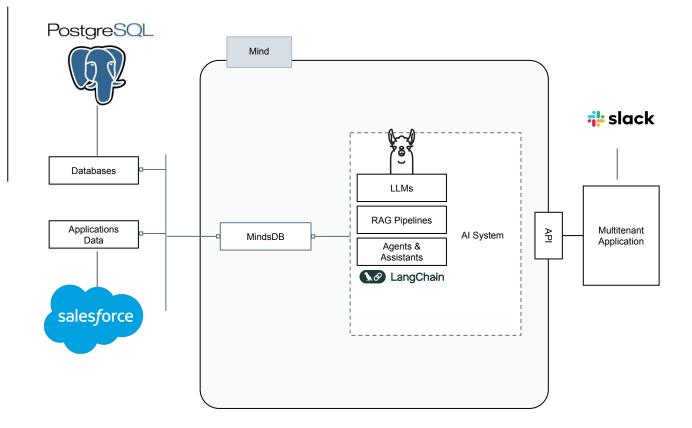
MindsDB data capabilities can help langchian developers build best in class AI systems to answer questions from all kinds of data.





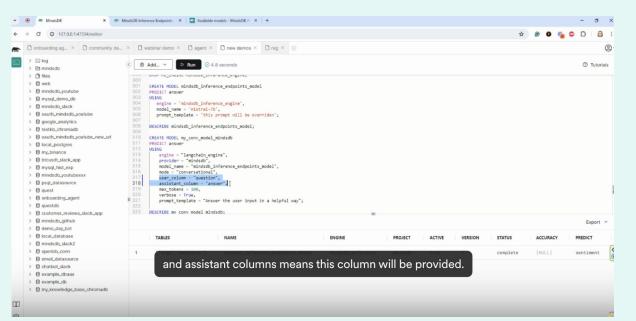
Demo

Answering questions over CRM and database data and expose that system in slack.

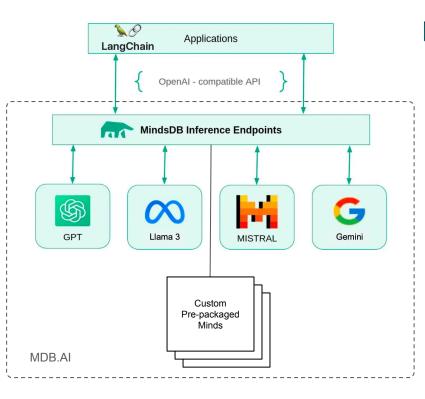




Demo



https://www.loom.com/share/25dec 6f224b7420f973e6db965a7883e



→ C 25 mdb.ai/llm-serve

mindsdb	Manage your MindsDB API key		To generate a new key 'Revoke' your existing
🛈 API Key	Apr 10, 2024	a4***f611 [🕄 Regenerate 📋 Revoke
Profile			
Documentation	Compare LLMs		
	claude-3-haiku	A claude-3-haiku	
	codellama-70b	Claude 3 Haiku, Anthropic's quickest and smallest Al model, is ideal for high-volume deployments requirin	<pre>curllocation 'https://llm.mdb.ai/chaf completions' \ header 'Content-Type: application/jsor</pre>
	dbrx	Read more	\ header 'Authorization: Bearer a4*∞*f6
	firefunction-v1	Owner: Anthropic	1' \ data '{
	firellava-13b	License: Proprietary	"model": "claude-3-haiku",
	gemini-1.5-pro	Context window: 200k tokens	"messages": [{
		Throughput: 88.9 tokens/second	"role": "user", "content": "What LLM are you"
	gemma-7b	Quality score: 78%	}
	gpt-3.5-turbo	Usage: structured information extraction	, }'
	hermes-2-pro	Latency: 0.41 seconds	
		Model details: artificialanalysis.ai	



Next Steps

mindsdb

We can help you implement Al strategy quickly and simply

- Identify use cases
- Help with Reference Architecture
- Delegate engineers, training and resources
- Build your custom solution

Book a Demo

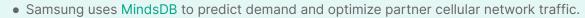
https://mindsdb.com/enterprise#contact

Questions? Get in touch!

jorge@mindsdb.com

Questions?

AI Challenges Solved with MindsDB



- Project led by a team of Engineers, not Data Scientists, using MindsDB.
- The demand predictions and optimized traffic have helped make better use of existing infrastructure with seven-figure cost savings and happy partners.
- Goldman Sachs uses MindsDB to spot anomalies in the central data platform.
- Goldman Sachs IT and dev team have integrated MindsDB directly their data stores. This is securely deployed on-premise.
- Their Full-Stack Engineer definition has expanded to include ML via MindsDB
- This has lead to an increase in data quality, reduction of errors (that can cost millions) and a simplified system with less admin and maintenance.



SAMSUNG

Goldman

Sachs

- Olla.ai is a fast moving startup that takes an 'Al-first' approach
- MindsDB allowed Olla.ai developers to implement advanced AI features into their core platform quickly
- Olla.ai uses the power of OpenAl's GPT-4 to build an expert assistant for elderly care support
- MindsDB allows Olla.ai engineers to quickly connect OpenAI, their product platform, multiple data sources, multiple 3rd party systems and manage and maintain their AI features in production with little effort

