

Why we put GPUs in the database

Postgres Conf 2024

Al isn't the future, it's here.



Al is table stakes

Successful companies will incorporate Al into their core UX, if they haven't already



Real-time personalization, knowledge based chat

EQ Search

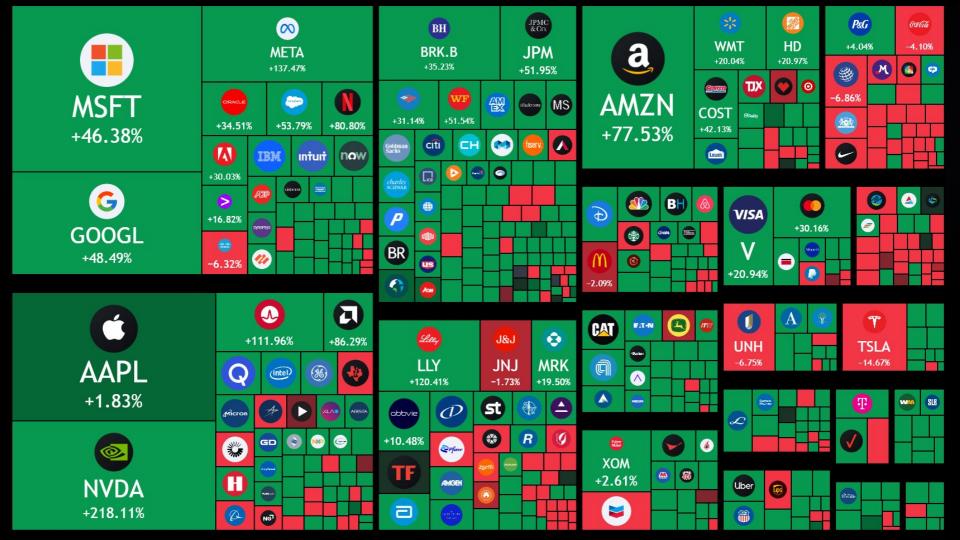
Proprietary data made findable and effective



Rapid detection, response command and control



Fraud reduced, countermeasures activated instantly

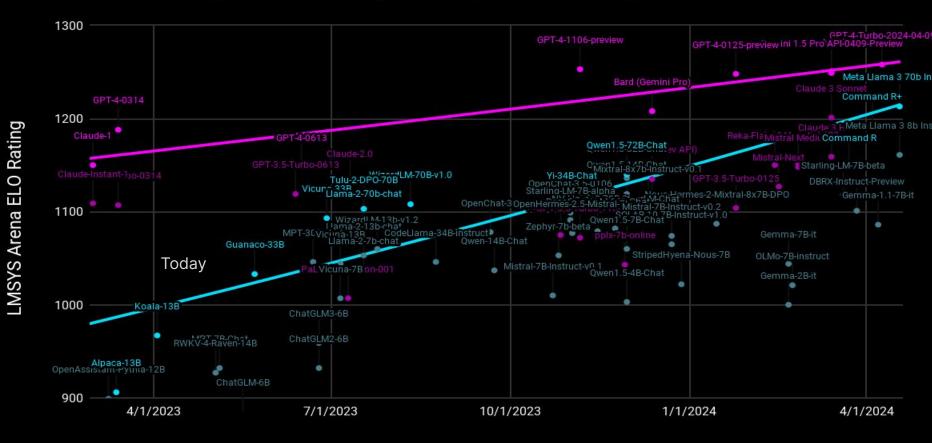


Closed-source



Open-weights 🔵

SOTA



Release Date





Our story

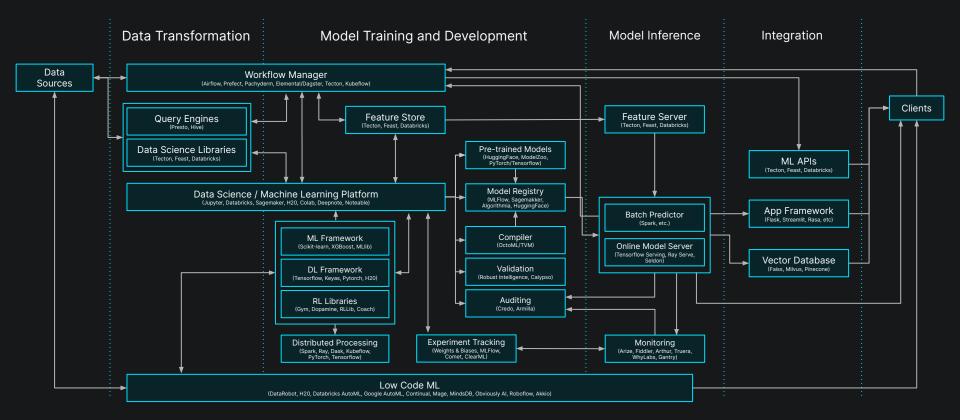
Founded by the engineers that built (then re-built) and scaled Instacart's machine learning platform

WHAT WE LEARNED

Architecture makes or breaks your AI app

And the data layer is the hardest part...

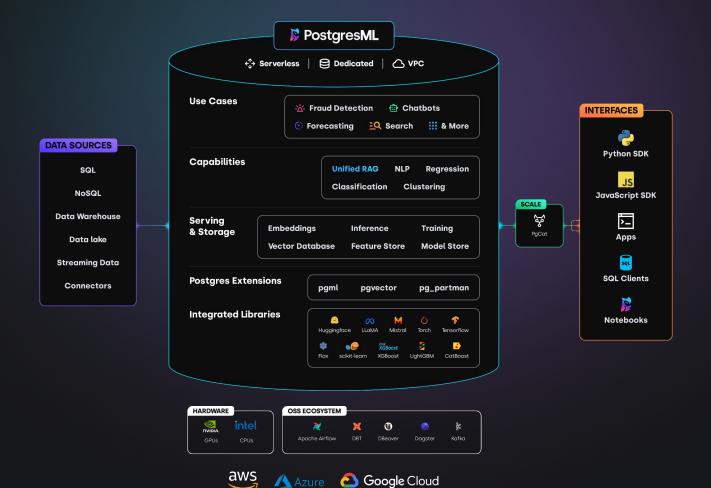
Machine learning infrastructure



Machine learning infrastructure



ANDS



Move the algorithm to the data

4x faster

than 😕 HuggingFace + 🏟 Pinecone for a RAG chatbot

10x faster

than S OpenAl for embedding generation

10-20x faster

than a MindsDB (not really a DB, it's a microservice)

8-40x faster

than Python + Redis for an xcBoost XGBoost microservice

Don't take our word for it

"...with @postgresml, we're not just streamlining processes but revolutionizing data handling and insights generation in one fell swoop."

Co-Founder @ MedPiper Technologies, Inc





Join us

- Attend the pgml RAG session to see SOTA design
- Contribute to our open-source projects, including pg-cat

We're hiring:

Email: Montana@postgresml.org

