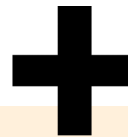




**Couchbase**

The Developer Data Platform for Critical Applications in Our AI World























































# Couchbase Services Overview



**JUNE 2025**

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# Couchbase vs. Others | Data, Caching and AI Layers

	Data and Caching Layer								AI Layer					
	Integrated Cache	Key-Value Access	JSON Documents	Text & Vector	Operational Analytics	Events & Streams	Active-Active	Mobile DB	Unstructured data	Vectorization	Model hosting	Agent Catalog	Guardrails & filters	
Couchbase														Couchbase
AWS	ElastiCache (Redis Memcached)					Amazon Kinesis	Aurora							Bedrock (AWS)
Azure	Azure Cache for Redis			Azure Cognitive Search		Azure Event Hubs								Azure AI
GCP	 Memory-store	 Big Table	 Cloud Firestore	 Cloud Firestore	 Google Big Query	Azure Event Hubs	 Cloud Spanner	 Firebase						Vertex AI (GCP)
Silo Strategy														Silo Strategy

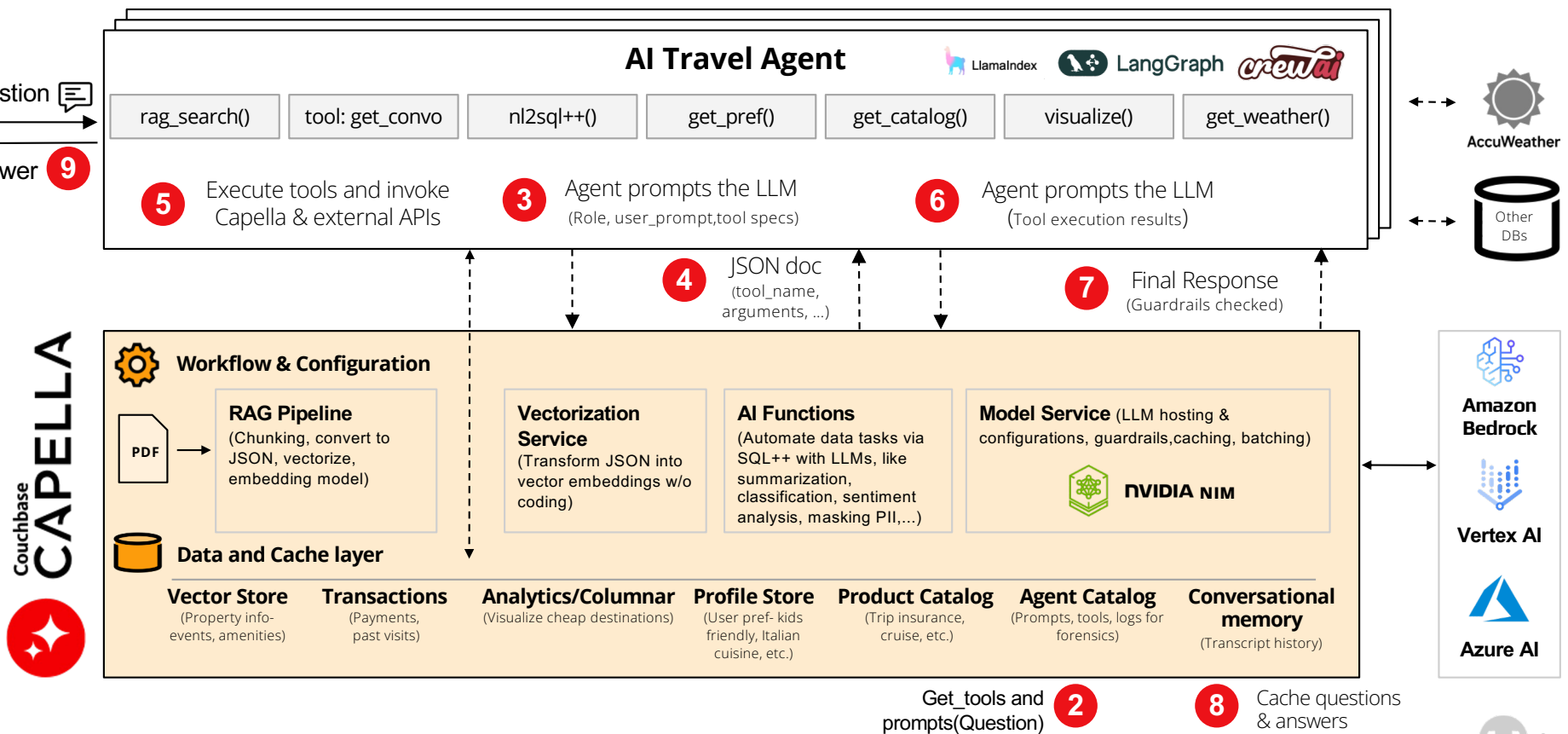
## Couchbase Advantages

- Fewer data silos
- Less to integrate
- Less data synchronization
- Less data sync latency
- Less operational complexity
- Cloud / On-prem / Mobile
- Single query language
- One security model
- Capella iQ

## For AI layer, capabilities above, plus:

- JSON throughout
- Vector at the Edge
- AI Functions
- Agent transaction logging
- Billion scale vector

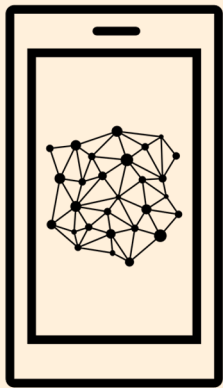
# Let's Look at an Example | Agent Travel Orchestration



# Need AI at the Edge?

Couchbase Lite is AI-Ready, even offline

Embedded database for mobile and IoT devices



## PREDICTIVE QUERY API

Call optimized ML models to make predictions on Couchbase Lite data.

## VECTOR SEARCH

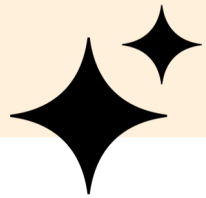
Similarity

Semantic search

Retrieval Augmented Generation

Hybrid-search (vector, FTS, GEO, range, predicate, etc.)

**Offloading inference reducing costs and latency**



**Thank you!**



**Couchbase**