



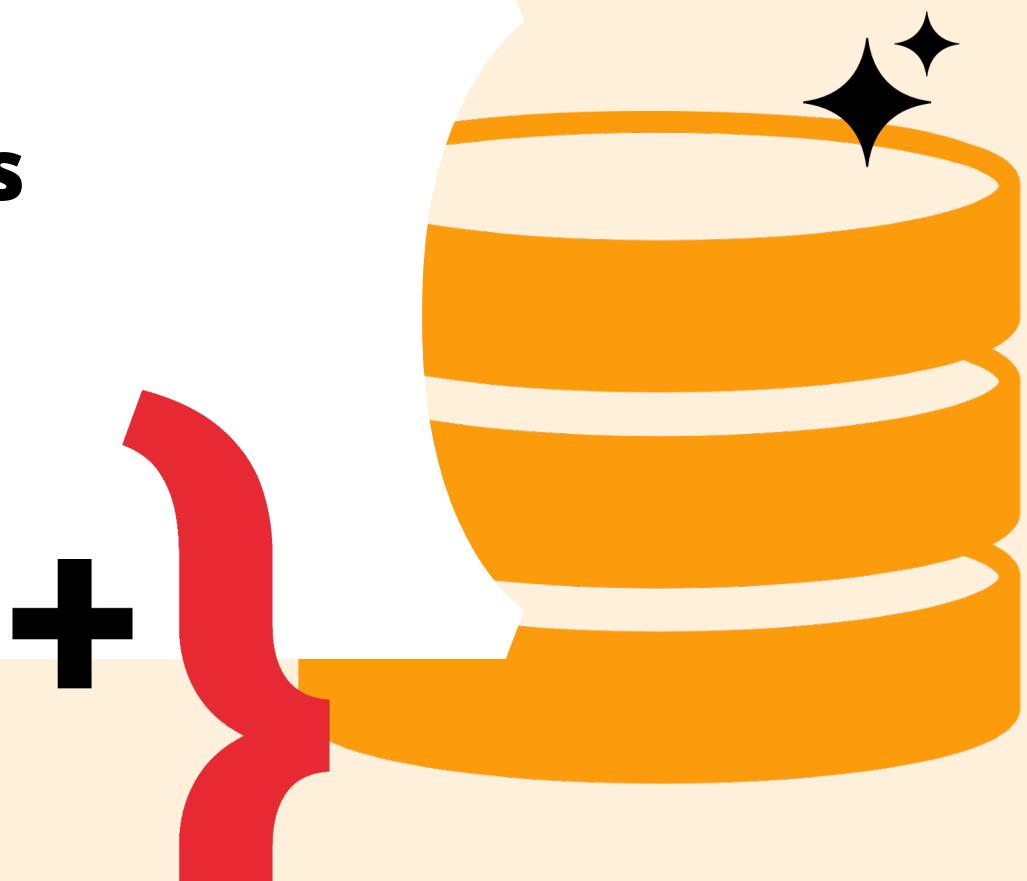
Couchbase

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													
AWS	ElastiCache (Redis Memcached)					Amazon Kinesis	Aurora						
Azure	Azure Cache for Redis			Azure Cognitive Search		Azure Event Hubs							
GCP					Google Big Query	Azure Event Hubs							
Silo Strategy													

Couchbase Advantages

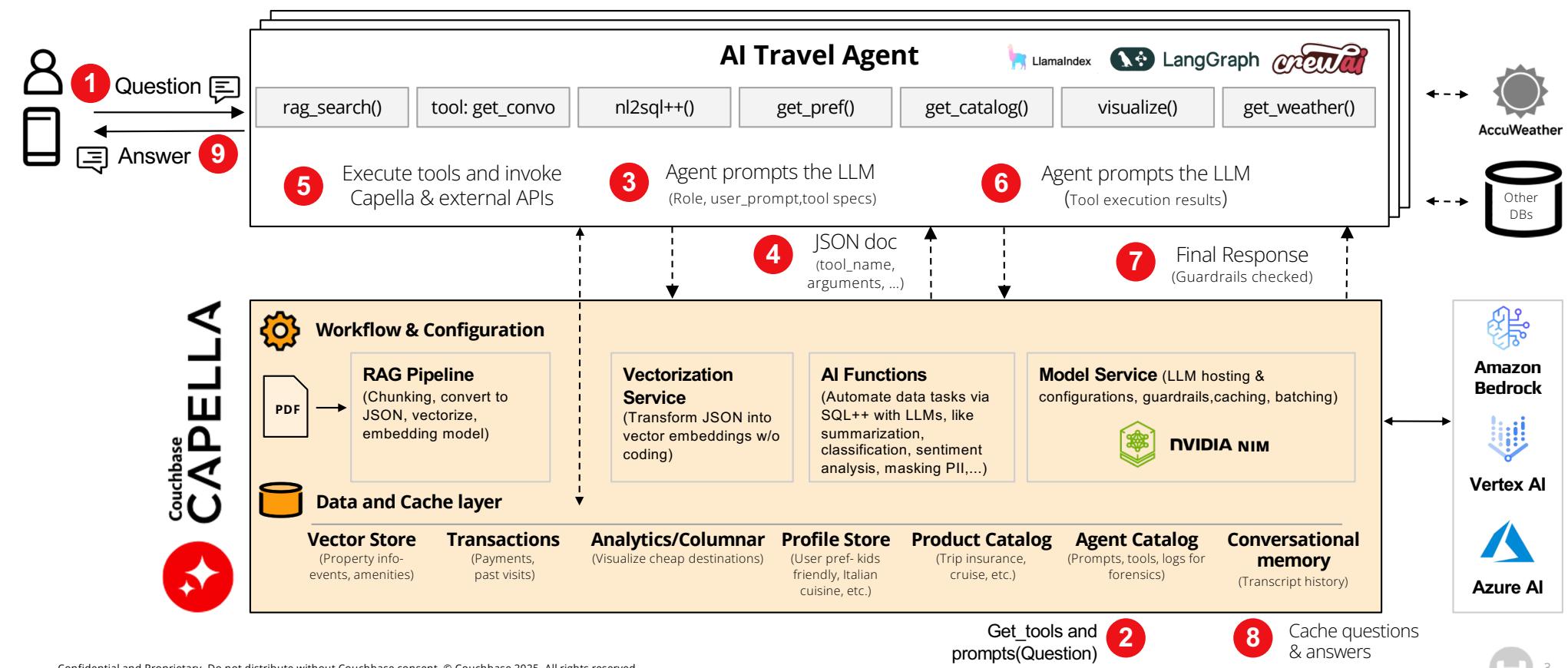
- Fewer data silos
- Less to integrate
- Less data synchronization
- Less data sync latency
- Less operational complexity

- 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

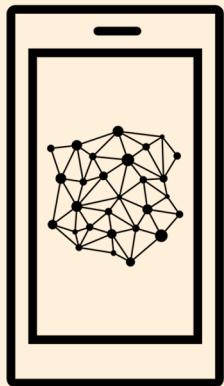
Let's Look at an Example | Agent Travel Orchestration



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

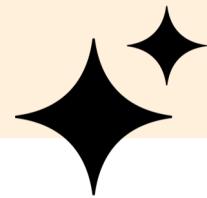
Similarity

Semantic search

Retrieval Augmented Generation

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

Offloading inference reducing costs and latency



Thank you!



Couchbase