

LexAtlas: Legal Intelligence for Real-World Impact

Transform legal complexity into actionable insights

by LexAtlas Team

https://github.com/lexatlas-org

The Problem

? Simple Question, Complex Answer "Where can I launch without violating regulations?"



Legal Complexity

Different state laws,

fragmented documents



Spend thousands on legal advice or risk non-compliance



Introducing LexAtlas



Ask a Question

"I want to install solar panels in Texas"



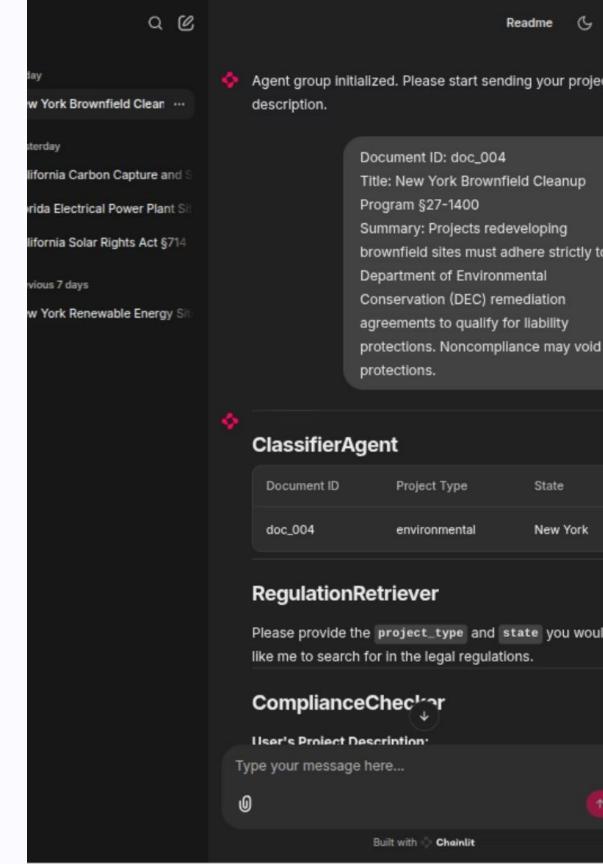
Instant Analysis

Identifies applicable laws



Actionable Results

Required permits, risks, incentives



How It Works



Classifier Agent

Detects project type and jurisdiction



Retriever Agent

Finds state laws via semantic search



Compliance Agent

Highlights potential risks



Report Agent

Summarizes in plain English



Live Demo: Carbon Capture in Wyoming

User Input

"Installing direct air capture plant in Wyoming"

Instant Results

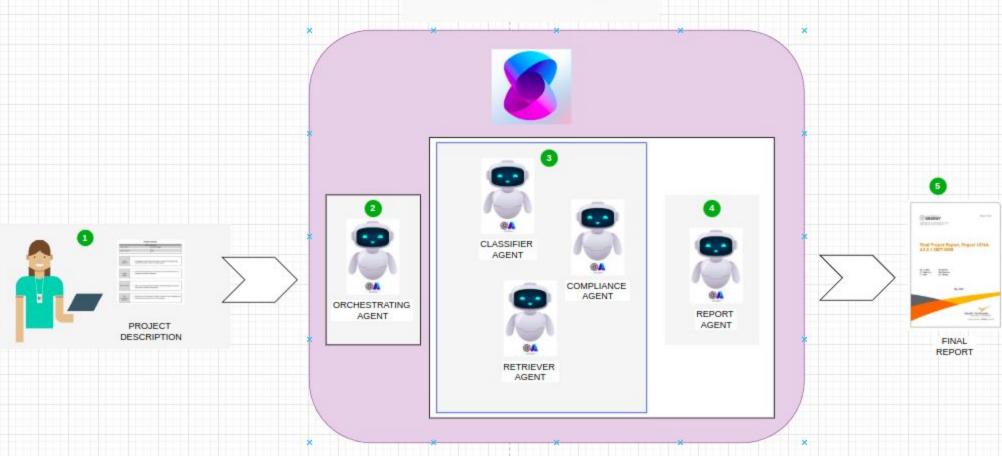
Wyoming Environmental
Quality Act requirements

Added Value

Identifies incentives under Carbon Capture Program











What LexAtlas Is Not — and What It Is

- Not a Lawyer Replacement
 LexAtlas complements legal professionals but doesn't
 provide formal legal advice.
- Reduces Blind Spots

 Identifies potential compliance issues that might otherwise be missed.



Situational Awareness

Delivers early insights to help teams understand regulatory landscapes before making decisions.



Better Legal Preparation

Makes attorney consultations more productive and focused when you do need them.

Technical Architecture

Flexible Foundation

Azure Al Agent SDK, Semantic Kernel

Infrastructure as Code

Automated deployment scripts

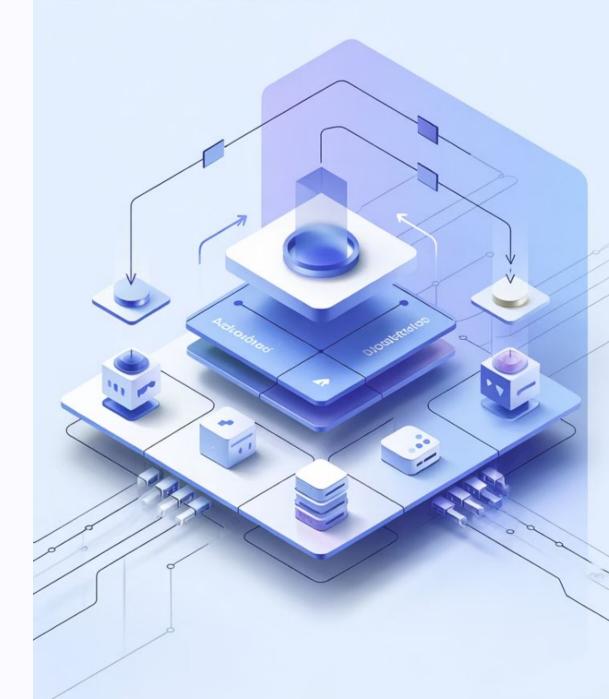
Advanced Components

PostgreSQL memory layer, audit logging

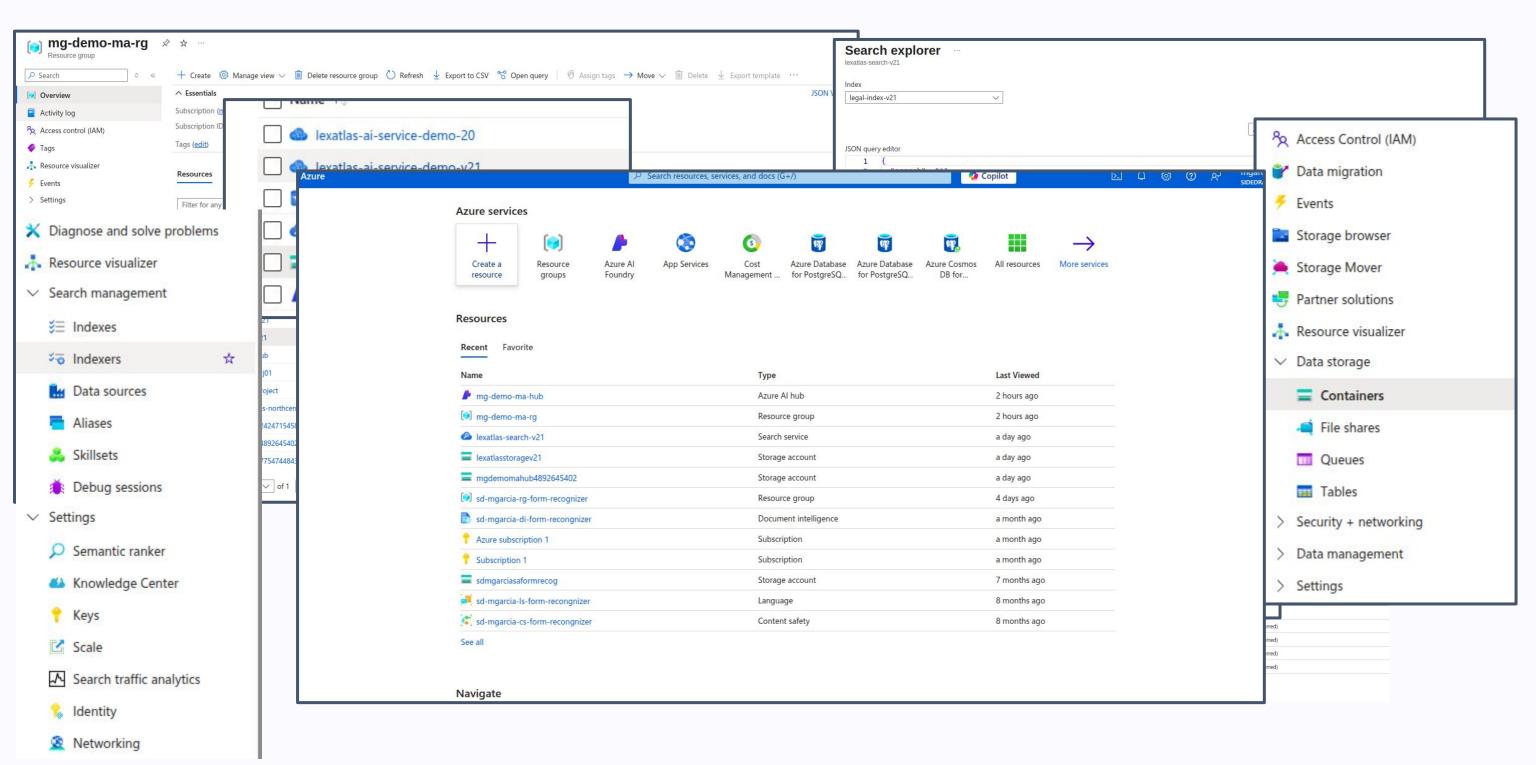
Human Oversight

Expert review checkpoints

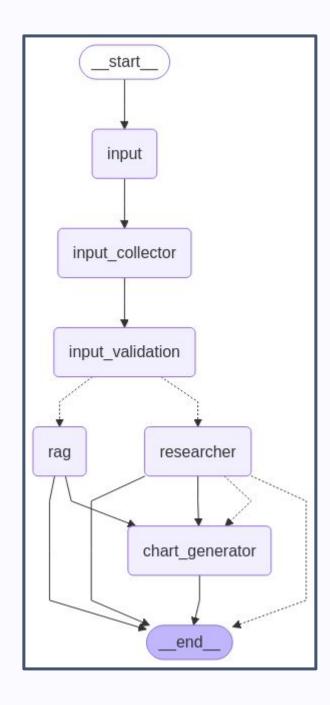
Al components and data flow

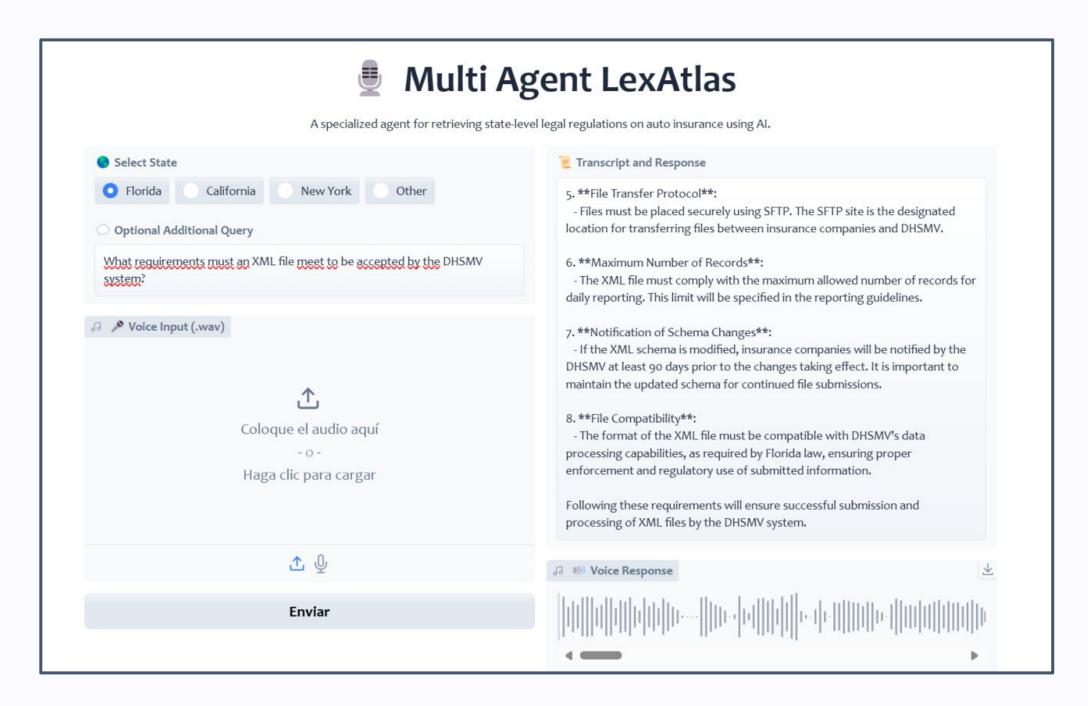


Azure Portal

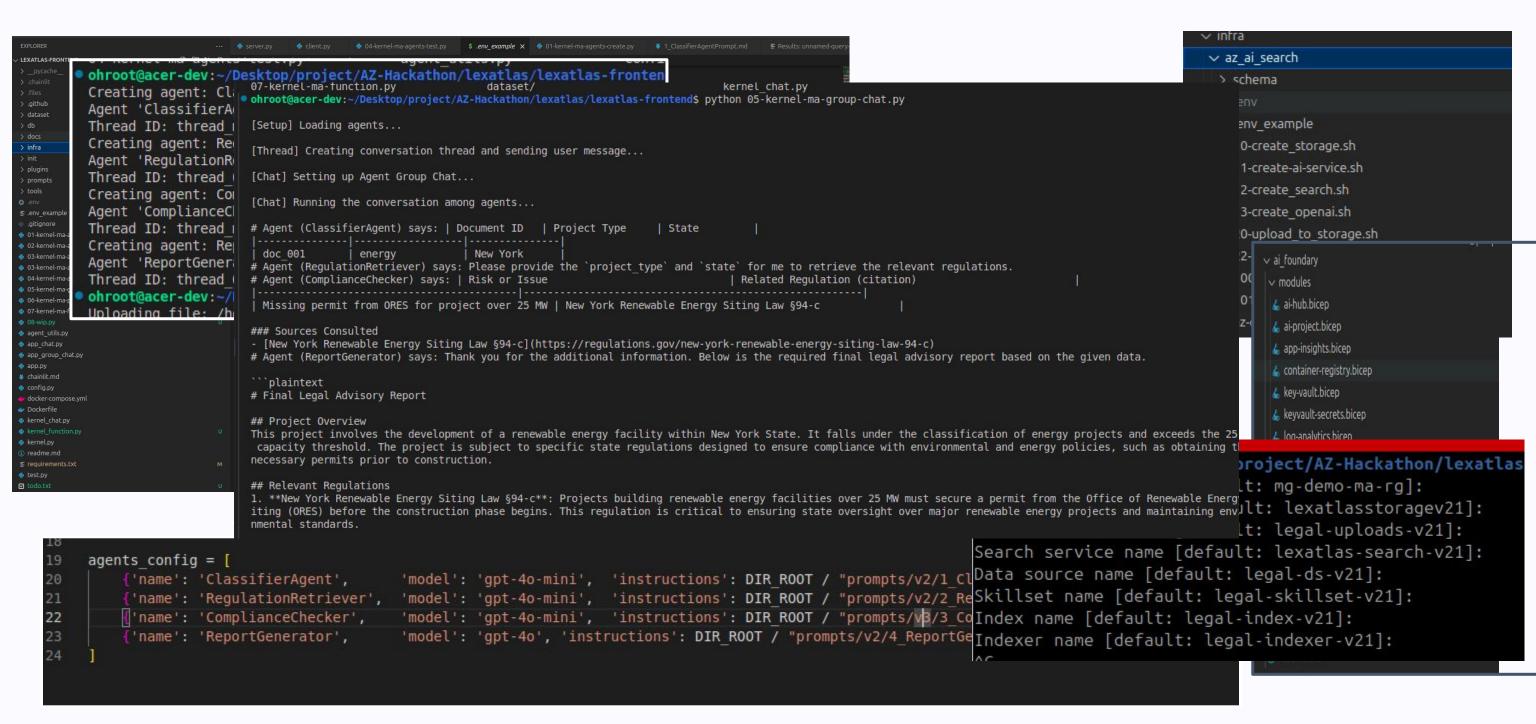


LangChain LangGraph

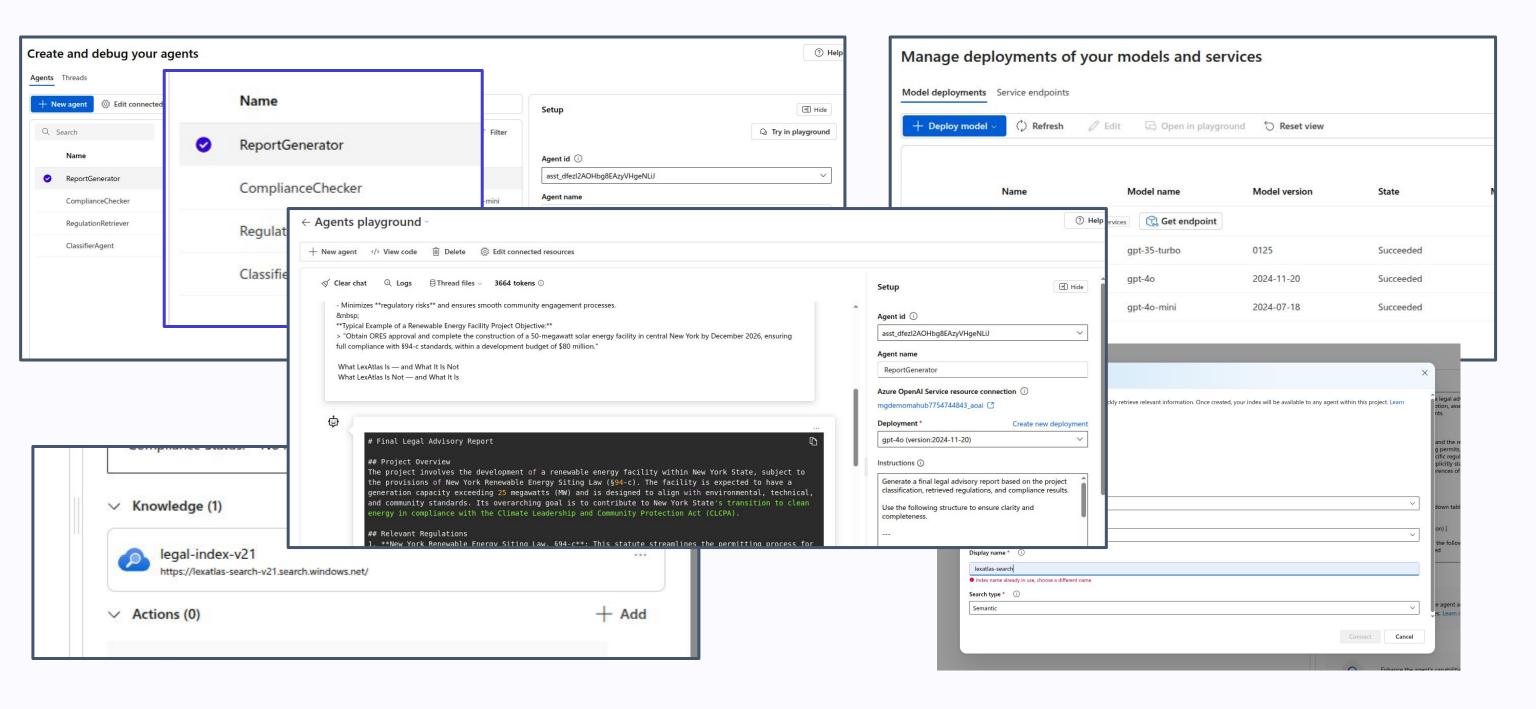




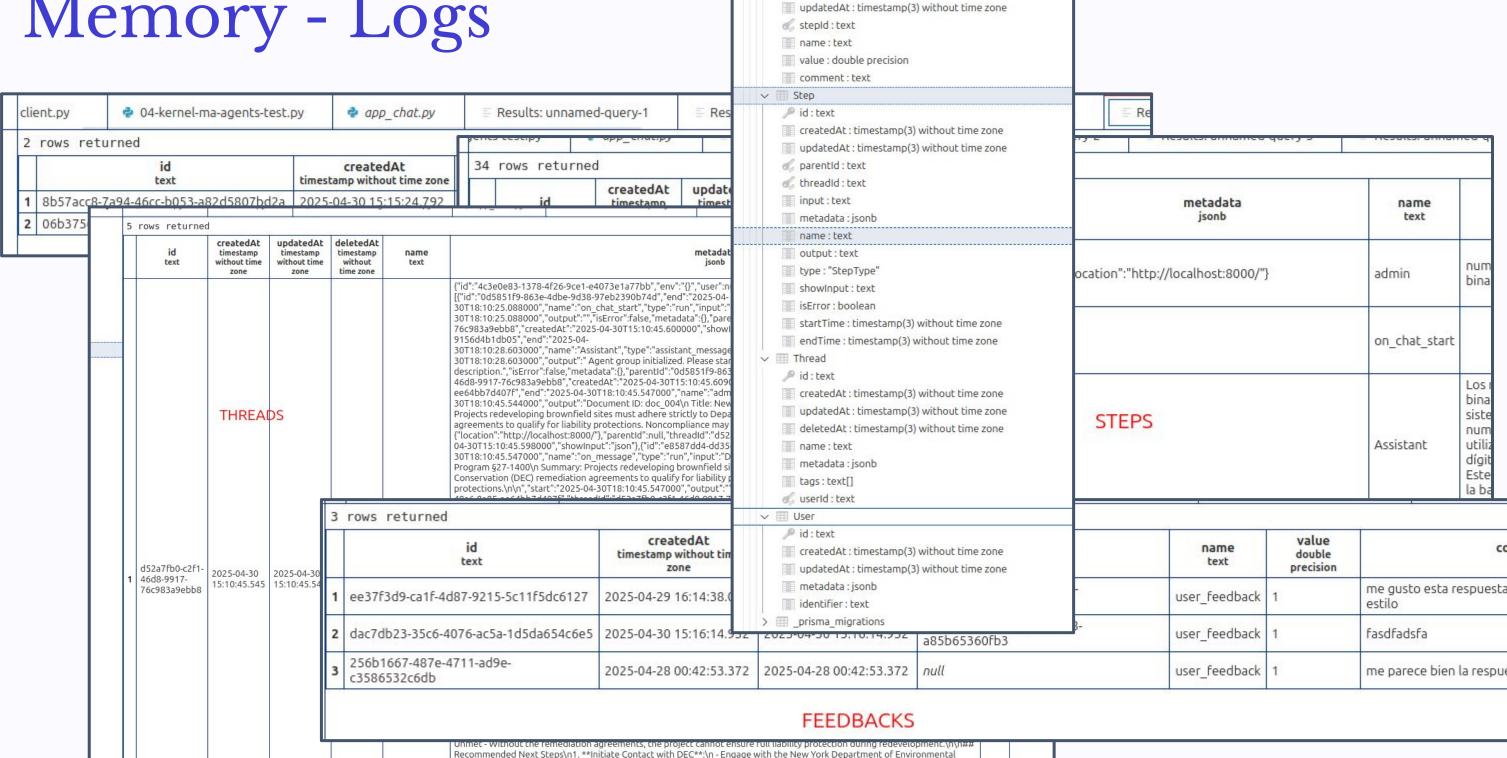
Tools and Automation



Azure AI Foundry



Memory - Logs



public

ar cuccone, annesample) microac anne zone

The Github Repo

