

Process (People)

- Scrap LinkedIn profiles and Scholar articles
- EDA
- Data processing
- Model training/tuning
- Build App
- User can query the app: ask for an expert
- View profiles and save search history

Execution (Code)

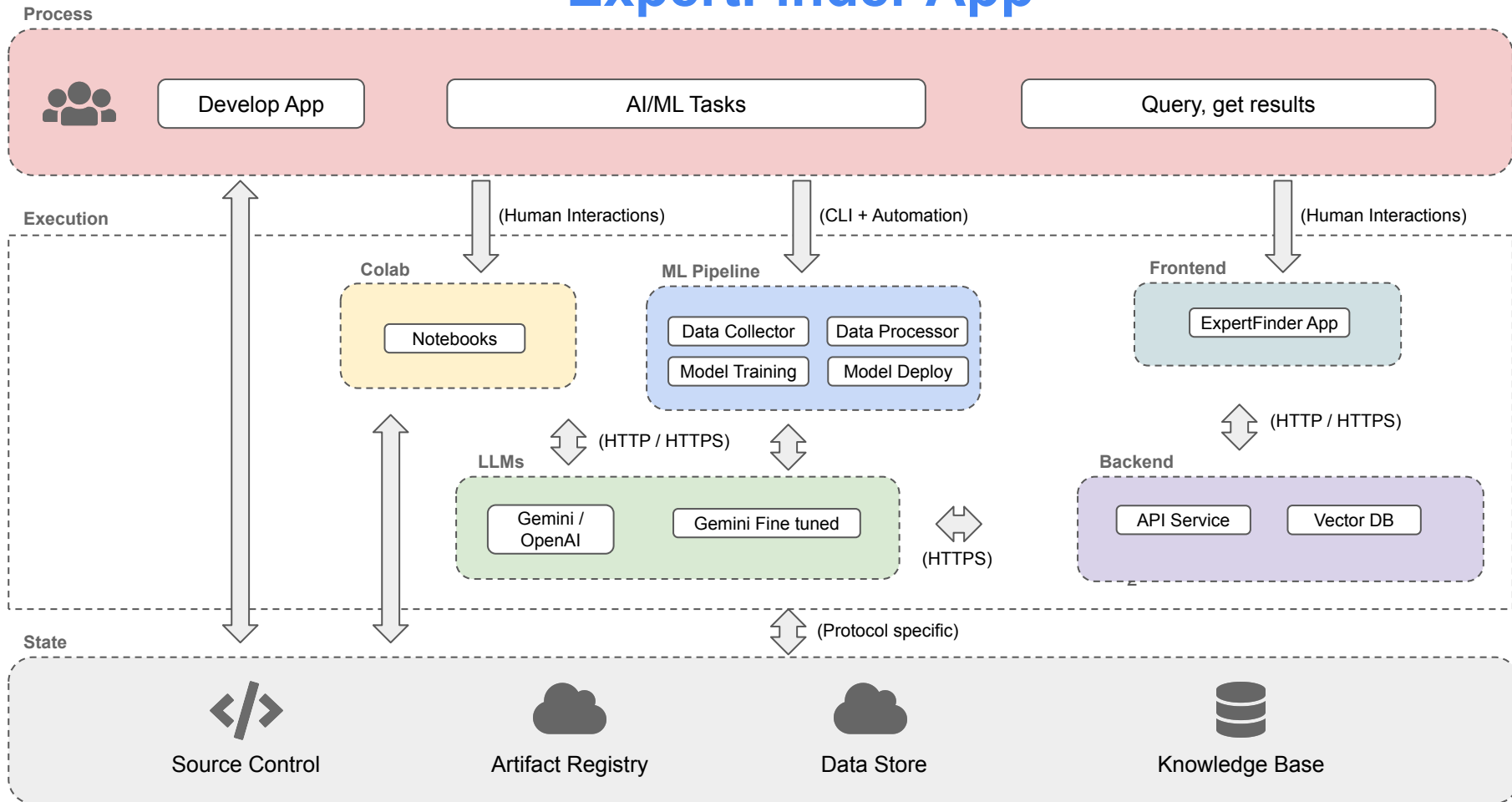
- Preprocess new searches
- RAG finds and ranks experts
- Call LLM for chat
- RAG for QA
- Get attributes and present results

State (Source, Data, Models)

- Save APIs raw data and processed data
- Save model weights
- Save text chunks
- Save embeddings
- Information on pre processing
- Source code repo for collaboration

Solution Architecture

ExpertFinder App



Technical Architecture

ExpertFinder App

