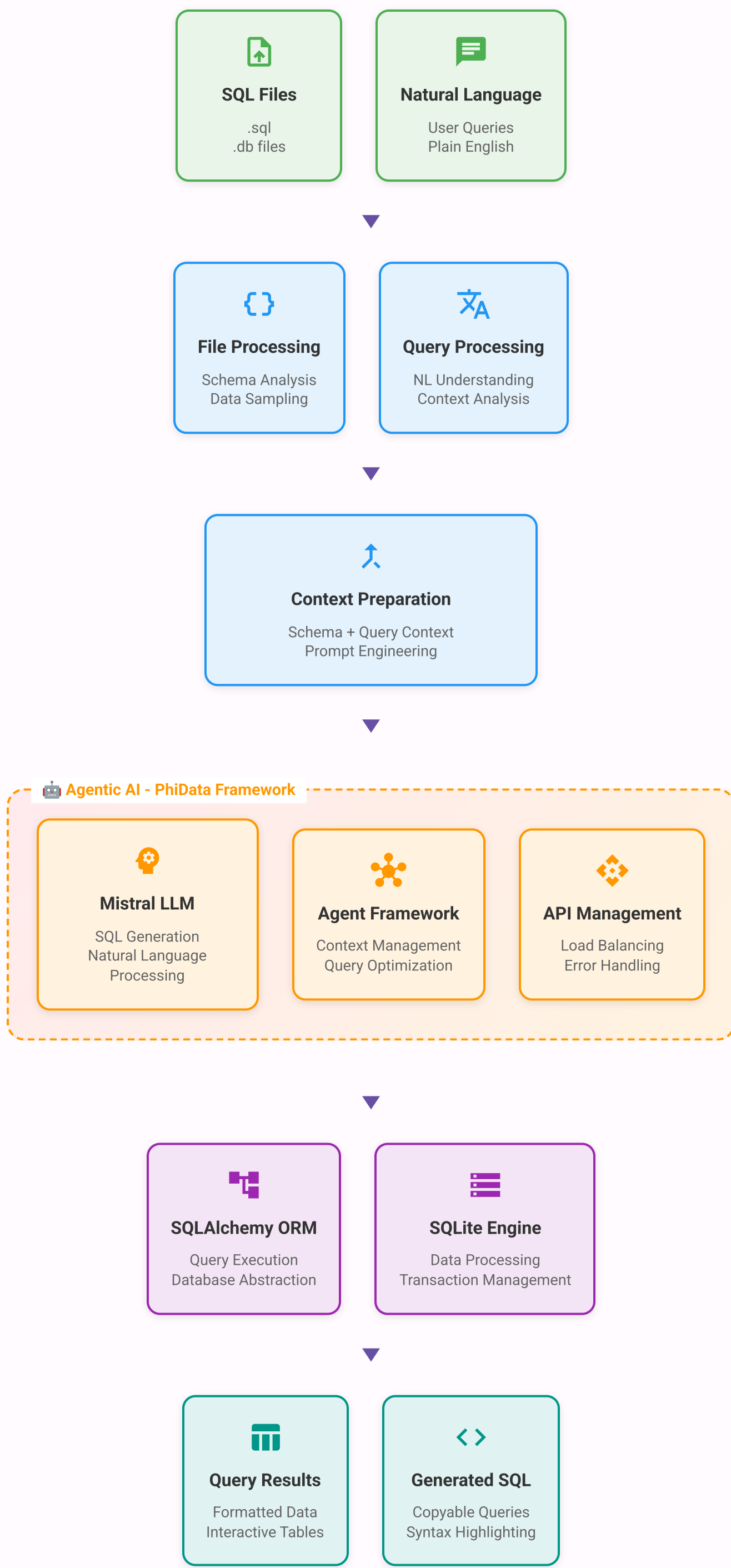
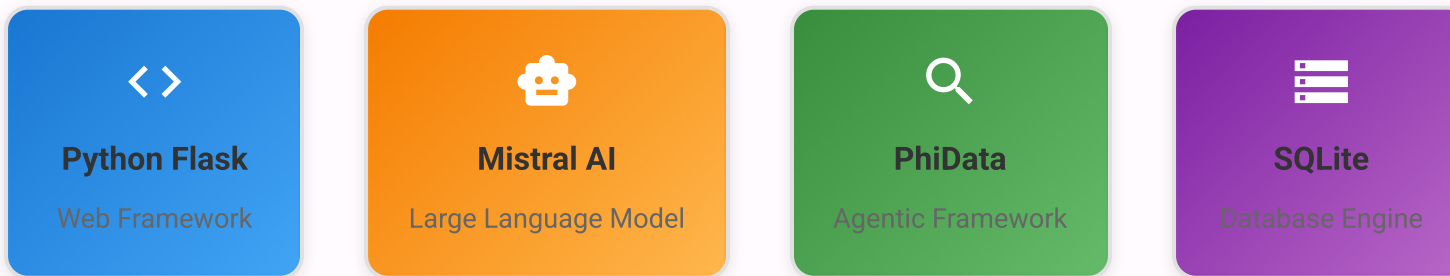


🧑‍🔧 SQL Assistant Architecture

Agentic AI-Powered Database Query Tool - Technical Overview



🔧 Technology Stack



📌 System Features & Capabilities

📁 Input Processing

Natural Language

SQL Files

Database Files

Schema Analysis

🧠 AI Processing

Mistral LLM

PhiData Agents

Context Management

SQL Generation

🗄️ Data Handling

SQLAlchemy ORM

SQLite Engine

Multi-DB Support

Query Execution

📄 Output Features

Interactive Tables

Query Copy

Real-time Results

Error Handling