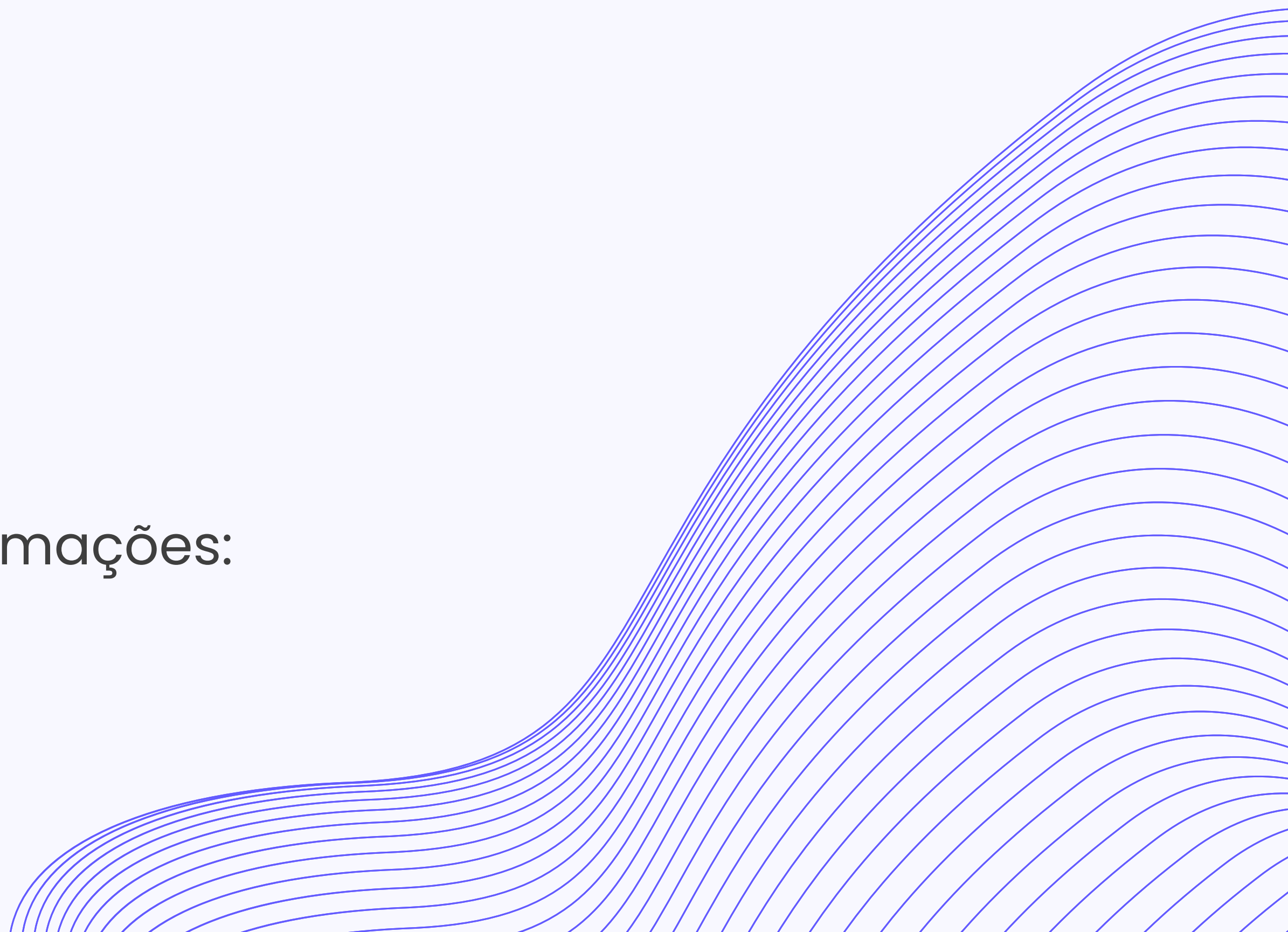




Desafio GENAI

O futuro da busca de informações:
Com ML, IA, Co-Pilot



Introduction

About us

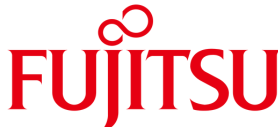
Lunar is a spin-off from the IDIAP Research Institute aimed to operate in the emergent space of complex AI reasoning.

Technology Overview

Lunar provides a reasoning chain platform that enables automated complex reasoning over heterogeneous data.

Partnerships

Recent B2B Projects

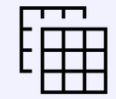


The Gap

Documents



Tables



Databases



APIs



Web Sources



Lunar



Answers



Actions



Interactions

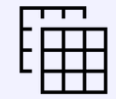
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LLMs have lowered the barriers to address this gap



Answers



Actions



Interactions

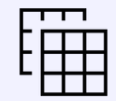
The Gap

Lunar

Documents



Tables



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APIs



Web Sources



LLMs have lowered the barriers to address this gap

But an AI orchestration engine is required



Answers



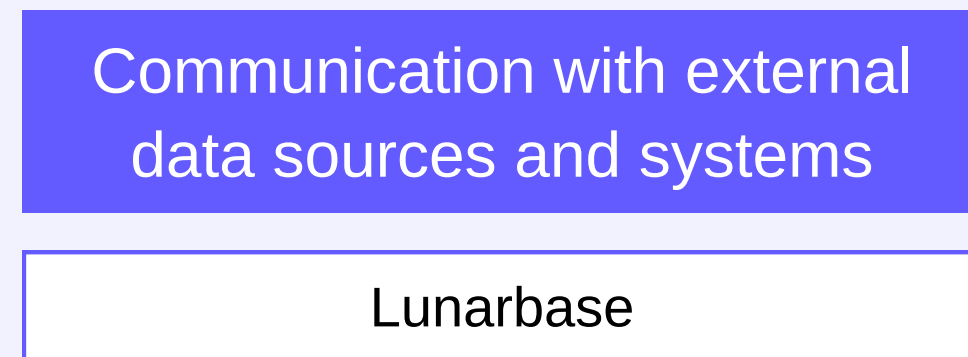
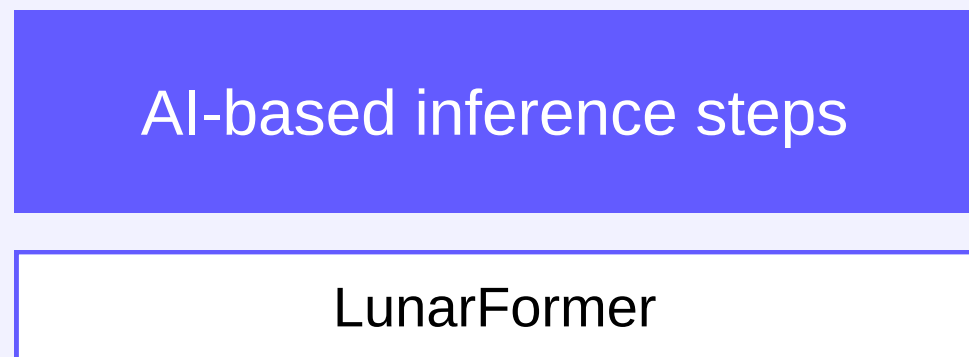
Actions

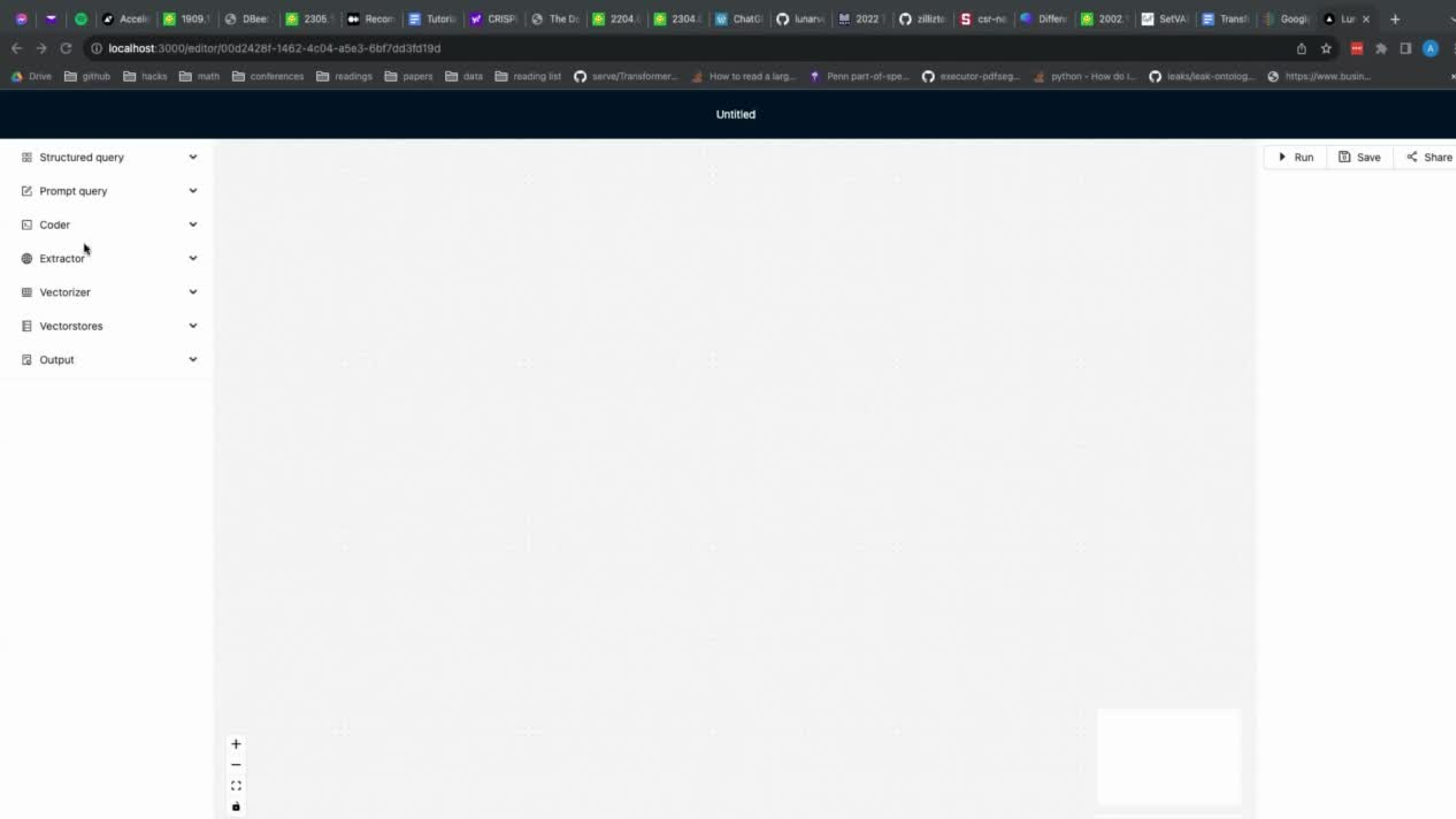


Interactions

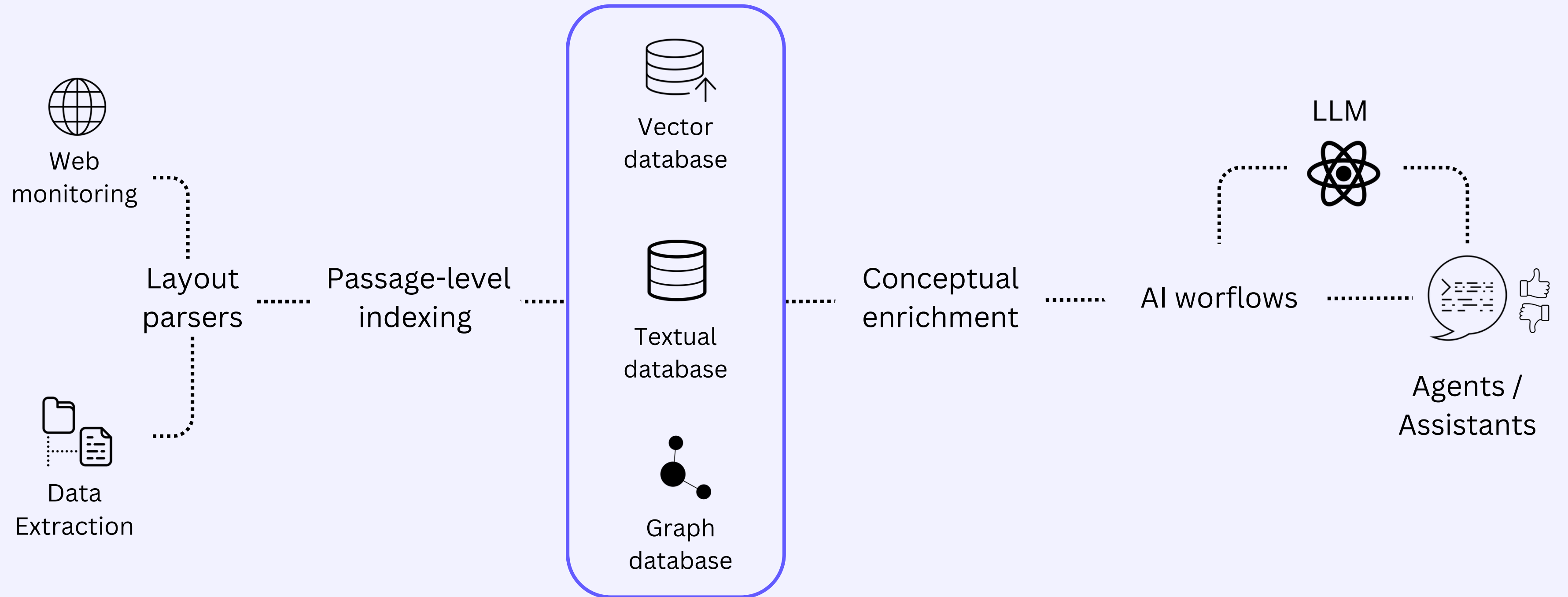
Reasoning Chains

The ability of LLMs to interpret natural language instructions and intent, reduce the barriers for creating AI agents. In the Lunar Platform, a reasoning chain works as an 'inference glue', which integrates:





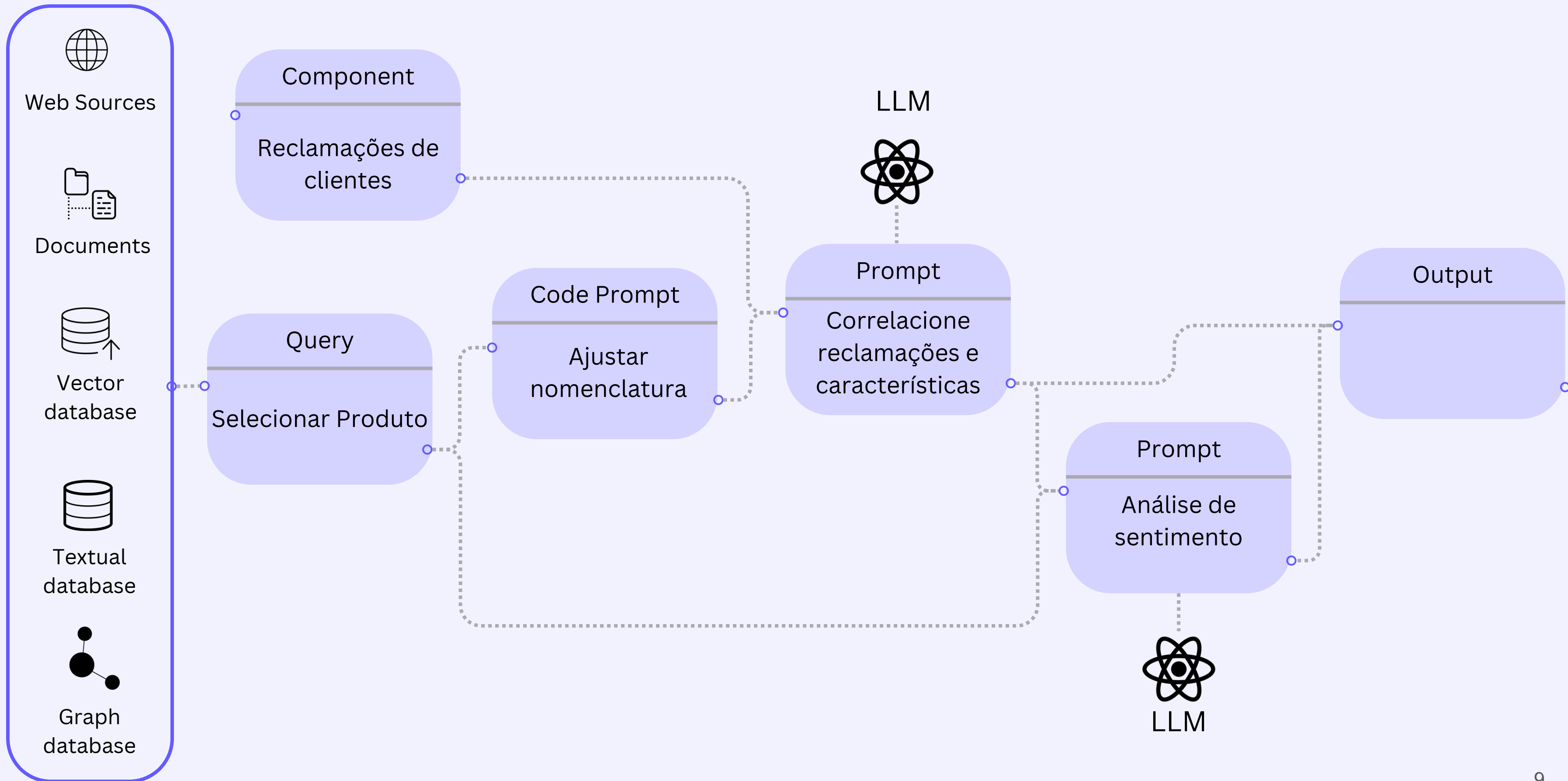
Solution design



Lunarbase

LunarFormer

Reasoning Chains



Etapas de implantação



Meet us

Lunar



André N. Freitas, Phd
Research & Product Lead

André Freitas is an AI researcher at IDIAP and Manchester University, with extensive background in safe, flexible AI for decision making and scientific discovery. He holds a BSc and PhD in Computer Science with over two decades of academic and industrial experience.



Marcos C. Martins, MSc, MBA
Management Lead

Marcos leads the COPPE's University Business Incubator and is a partner at Bunker.vc. He has helped grow 50+ businesses and startups, engaging with large companies as GE Aviation, Telefónica, Dell, NVIDIA and NIDEC. Marcos holds BSc, MSc (Production Engineering) and MBA degrees.



Alex T. Bogatu, Phd
Technology Lead

Alex Bogatu is an applied AI scientist leading AI projects in cancer diagnosis and information retrieval, with over a decade's experience in data engineering, AI, and IT management. He holds a PhD from the University of Manchester and has contributed to various research and industrial collaborations.



Neuro-symbolic AI Group

The Neuro-symbolic AI Group has developed a consistent corpus of scientific contributions (>110 papers) in the space of AI and is doing internationally leading research in the area of abductive, abstract and scalable multi-hop inference. The group operates at the interface between ML and symbolic AI methods aiming to enable the next generation of explainable, data-efficient and safe AI systems. Its recent contributions define the state-of-the-art in different sub-areas of the programme of abductive, evidence-based inference.



Danilo Miranda
Full Stack Software Engineer

Danilo Miranda, a Full Stack Software Engineer and Apple Developer Academy alumnus, has diversified experience in software development across multiple sectors. He holds Computer Science and Engineering degrees from UNICAMP.



Victor Sobrosa
Project Manager

A business administration graduate from the Federal University of Rio de Janeiro, Victor's expertise lies in strategic project management, finance, and implementing agile methodologies across various applications.



Eliezer de Souza
AI Research Engineer

Specializing in AI and Machine Learning, Eliezer de Souza, with a PhD from the Norwegian University of Science and Technology, brings valuable expertise from tech firms like The Curious AI Company and Clarify to innovation-focused tech startups.