Lighthouse

By 4lgorithm

Photo by Juairia Islam Shefa on Unsplash

Agenda

- Team Introduction
- Demo
- Methodology
- Commercialisation
- Vision
- Questions

Meet the Team!

Harry Curtis
Software Engineer

Gwen Santus
Software Engineer

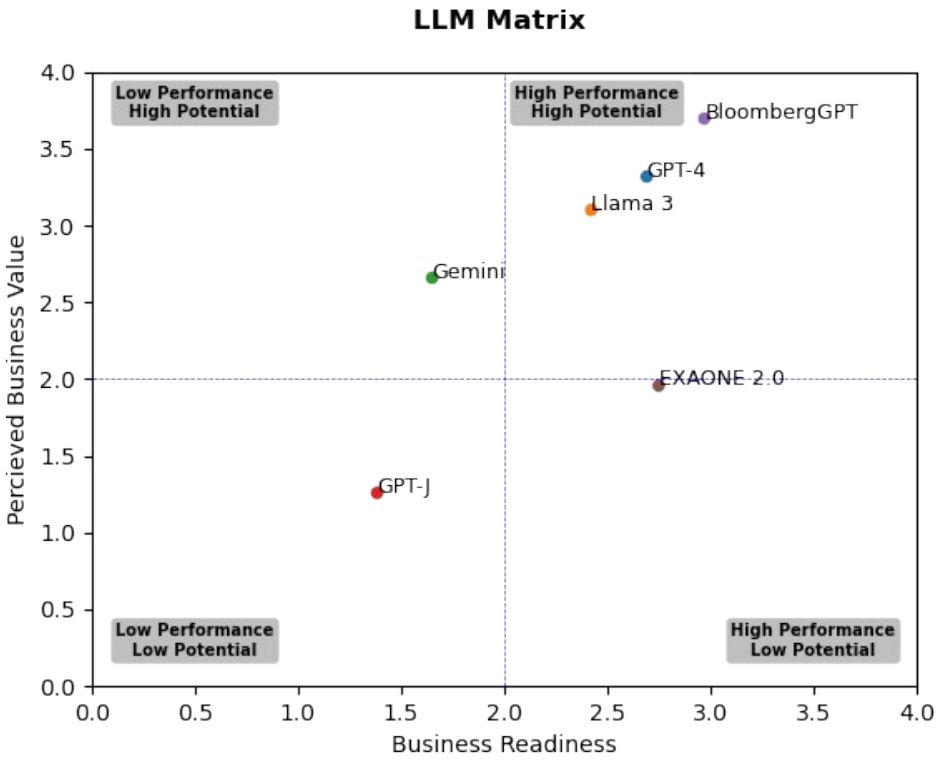
Aksha Amod
Data Analyst

Richard Lo
Data Engineer

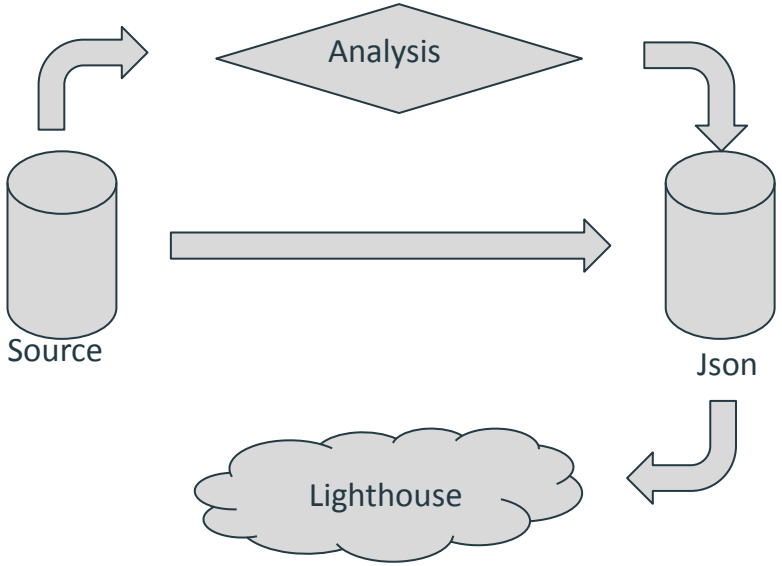
Aya Zalzala
Data Engineer

DEMO

Methodology



Criteria	Weight
Business Readiness	
Credibility (Reputation; Credible Reviews; Credible Mentions)	40%
Harmfulness (Incidents; Safeguards)	30%
Accuracy (Task Specific)	15%
Benchmark (Average accuracy across many tasks)	15%
Perceived Business Value	
Capability (Amount of Features; How well they perform)	50%
Success Stories (Any positive reviews)	25%
Popularity (No. users; Growth rate; Broadness of Application)	25%



Data Flow

Data source: Stanford dataset
Situation: Cross functional teams
Solution: Data pipelines, formatting and logistics
Limitation: Extraction availability, loading constraints
Additional goal: MongoDB

Vision

Short Term

- Implement database backend
- Authentication for trusted members to grow the database
- Ability for users to filter by industry

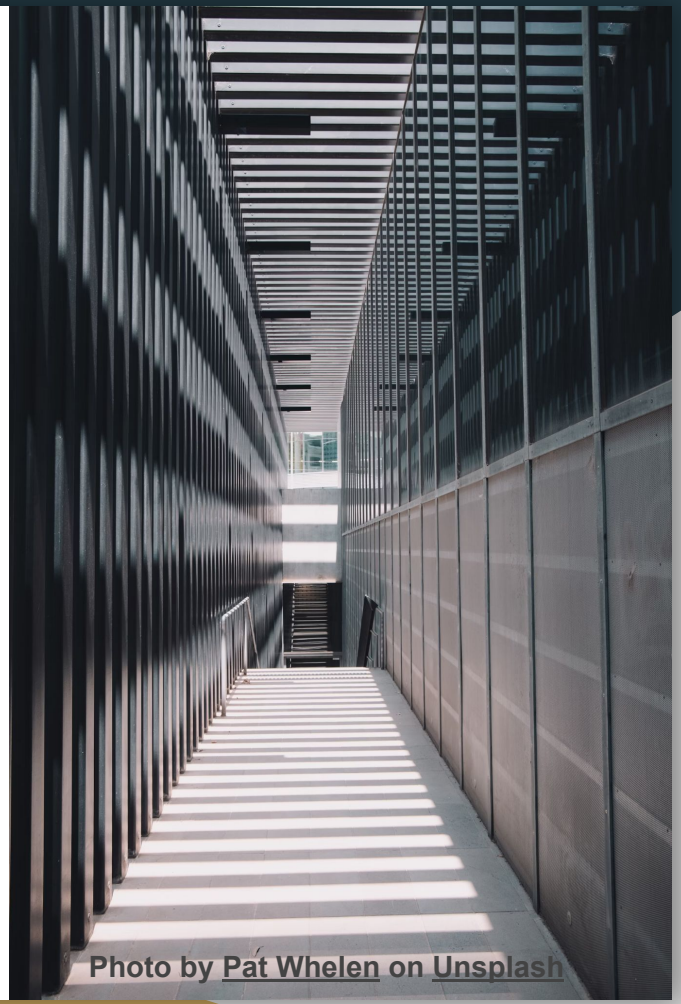
Long Term

- Internal testing for integrity
- Partnership with LLM companies to distribute early access to increase exposure

We believe Lighthouse will help competing firms have faster decision making when it comes to utilising new AI technology, and additional features will help with market penetration.

Commercialisation

- Optional subscription model
  - Prototype before maturity: additional resources required
  - Subscription to unlock features
    - Filtering
    - Sorting
- API access
- No adverts for integrity



Thank You!

Any Questions?

Appendix: Tech Stack

Plans for a MERN stack
Used Vite, React, NodeTS
Packages used: styled-components, chart.JS, chartJS-plugin-annotation.

We used these because it's what we were used to working in, for the most part. With all the other bumps our team ran into in this project we needed the actual development to be as smooth as possible!
Chart.JS and the annotation plugin were both new and we used those as they seemed like the quickest and easiest way to get the matrix on the page.

Appendix: Links and Research

- A more detailed Methodology
- Rough research notes and links to references for individual models can be found here
- Data Flow Diagram