

# 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



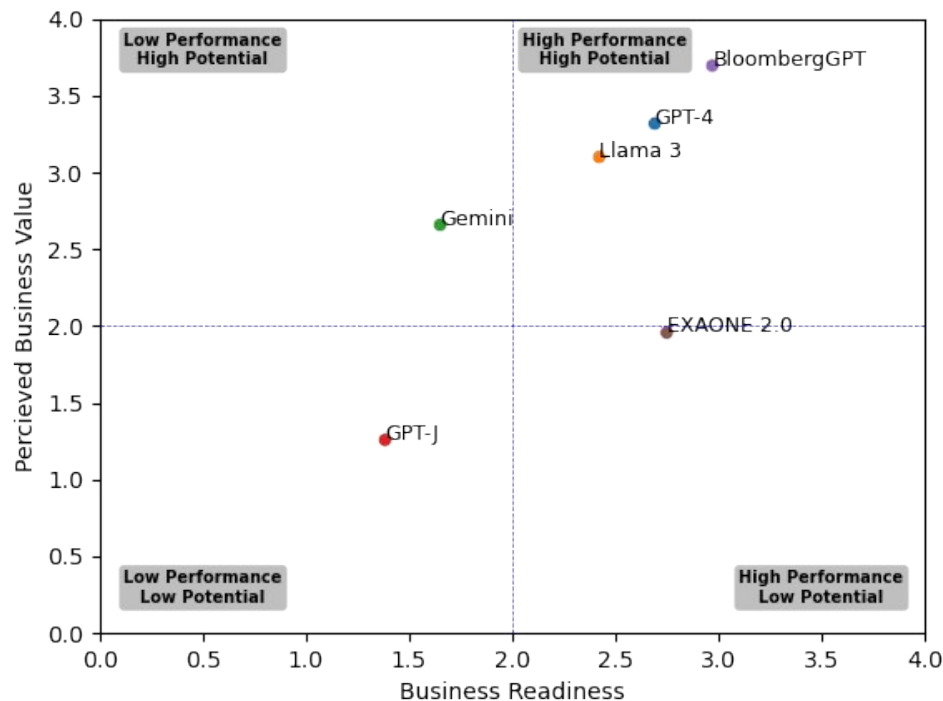
**Aya Zalzala**  
Data Engineer



DEMO

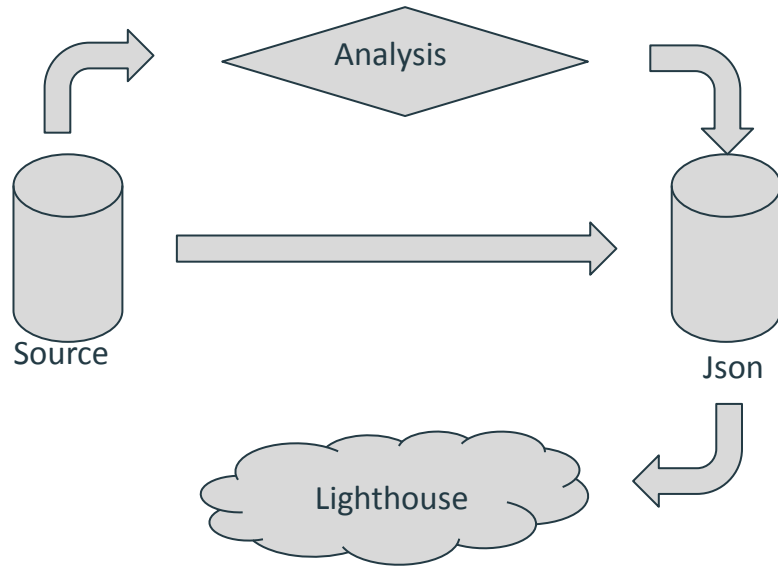
# Methodology

**LLM Matrix**



Criteria	Weight
<b>Business Readiness</b>	
Credibility (Reputation; Credible Reviews; Credible Mentions)	40%
Harmfulness (Incidents; Safeguards)	30%
Accuracy (Task Specific)	15%
Benchmark (Average accuracy across many tasks)	15%
<b>Perceived Business Value</b>	
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

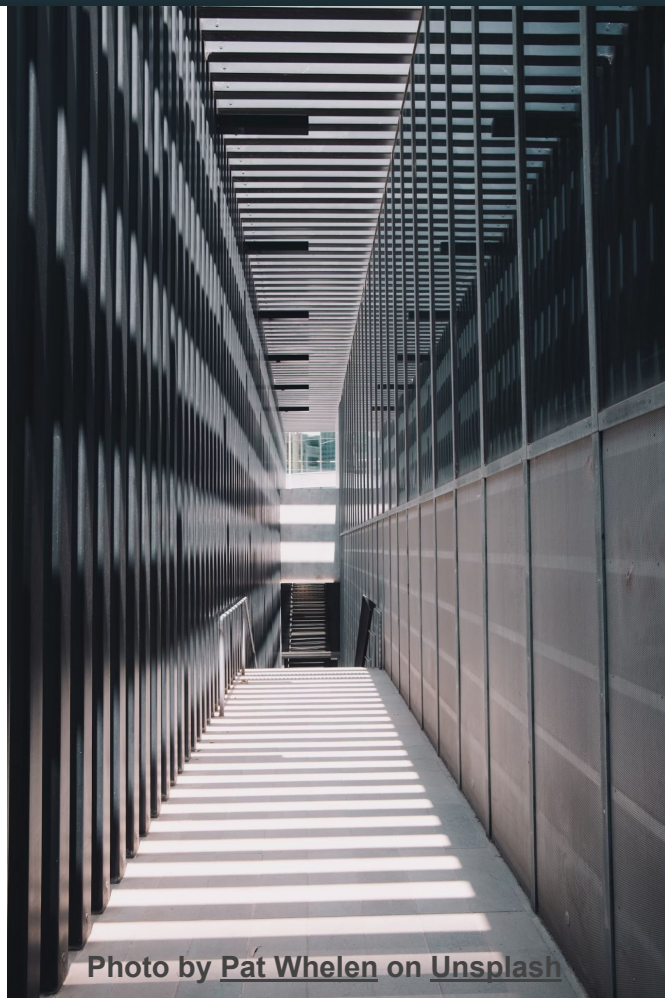


Photo by [Pat Whelen](#) on [Unsplash](#)





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](#)