



Slyngshot

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Lablab.ai Hackathon 2023

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Introduction

- Previously built an interactive chatbot in 36 hours using cohere's platform
- How could I make this EASIER, COLLABORATIVE, and FUN?

HUBERMAN AI

Ask Dr. Huberman a question

This Huberman bot was trained on 40+ podcasts to answer your questions.

Hi. I'm Andrew Huberman and I'm a professor of Neurobiology and Ophthalmology. Feel free to ask me a question...

Andrew Huberman - Associate Professor of Neurobiology



Enter your question

Send

<https://devpost.com/software/ask-huberman>

Market Trends

Engineering Recruitment: Companies have been hiring less, and firing more (272 tech companies have laid off **86882** employees laid off)[1]

Low Code Growth: Low code continues to grow, and is estimated to grow by **20%** in 2023 [2]

AI Adoption, Datafication: AI will grow to a **\$190 billion industry by 2025** [3]

[1] <https://lavoffs.fyi/>

[2] <https://www.gartner.com/en/newsroom/press-releases/2022-12-13-gartner-forecasts-worldwide-low-code-development-technologies-market-to-grow-20-percent-in-2023>

[3] https://www.simplilearn.com/top-technology-trends-and-jobs-article#4_artificial_intelligence_ai_and_machine_learning

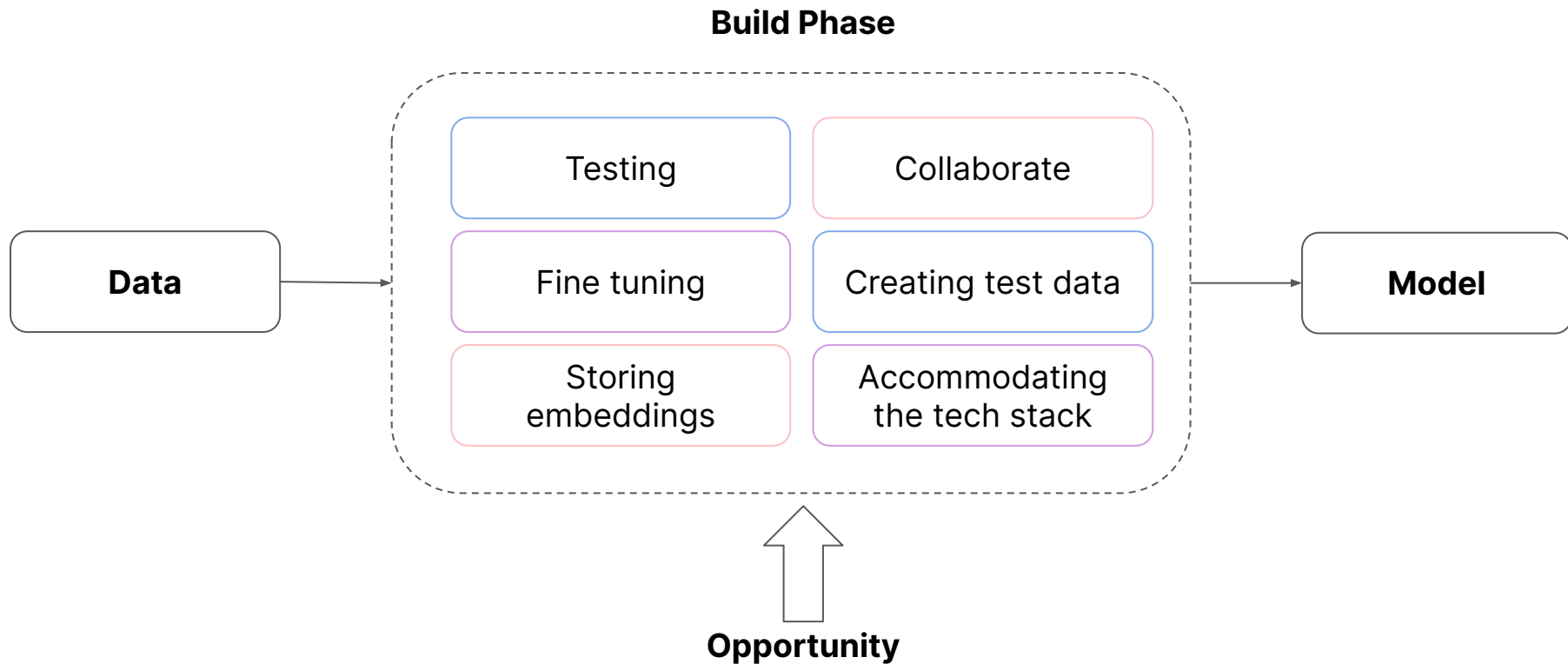
Problem & Opportunity

Independent Developers

- Figuring out where to start in NLP is difficult (how to get started, where to apply, prepare for interviews, etc.)
- There is a large overhead when creating a new project (client, backend, testing, storing embeddings)
- Difficult to the time-consuming and expensive nature, limited in the number of projects you create

Tech Firms

- Unable to easily implement a new NLP model into their system
- It is hard to collaborate with others or to show the flow of data to management
- Hiring experienced NLP developers to train and improve their models is expensive



Introducing Slyngshot:



An **all-in-one tool** to help companies and developers create models, store data, and streamline their NLP workflow for their use cases making developing NLP models **easy, effective and enjoyable**

Dataflow Endpoint: <http://localhost:3001/dataflows/run/f4g24v29fgh47rf121v>

Endpoint

[Edit request body](#) [Send Request](#)<http://localhost:3001/dataflows/run/f4g24v29fgh47rf121v>

Generate Node

Temperature **0.9**Max Tokens **100** large command-xlarge-20221108

Embed Node

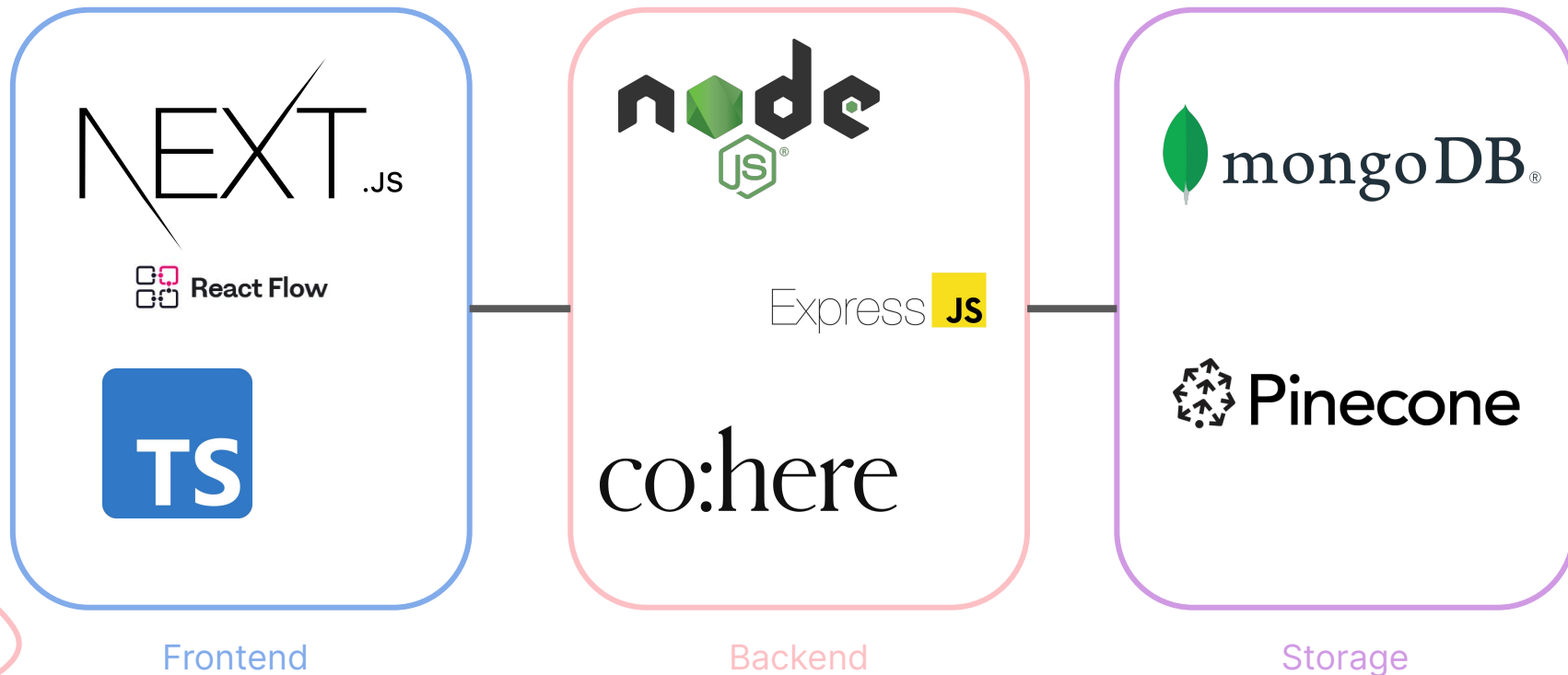
 texts=[1] model='large' truncate='LEFT'

Pinecone Database (Query)

Top K results **10**Matching Score **0.45**

Generate Node

Temperature **0.9**Max Tokens **100** large command-xlarge-20221108



DEMO