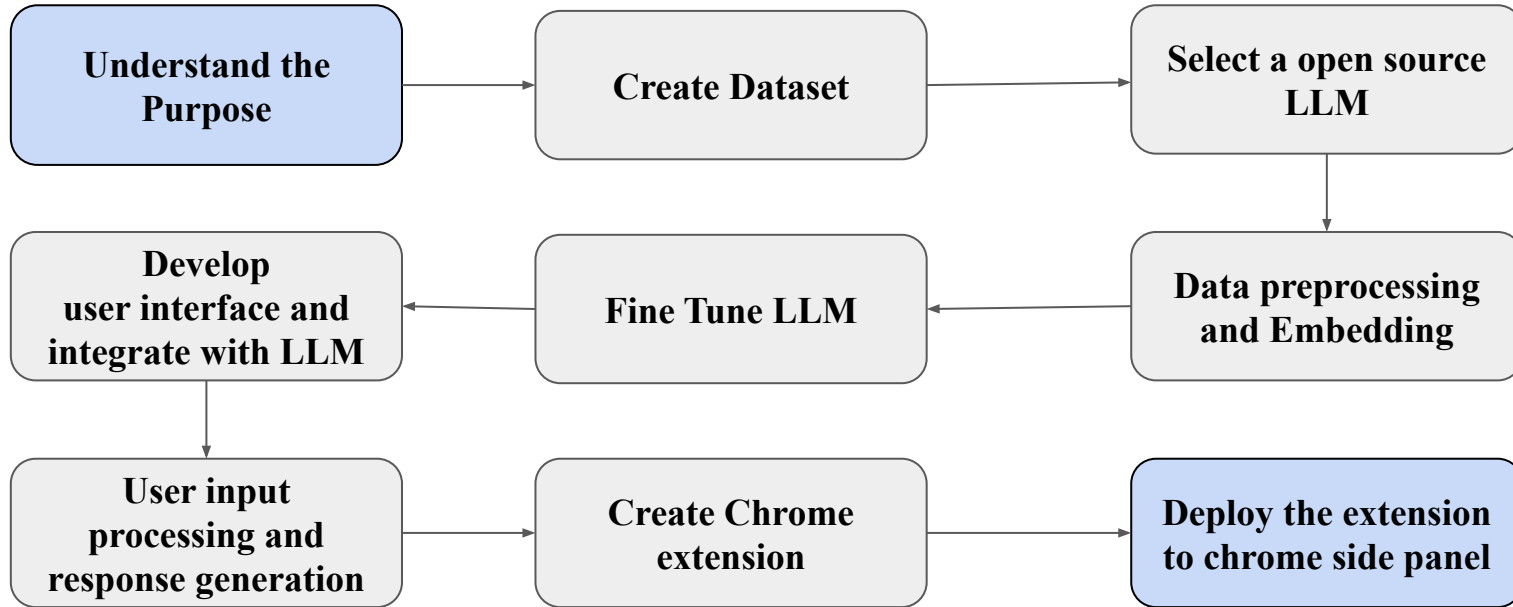


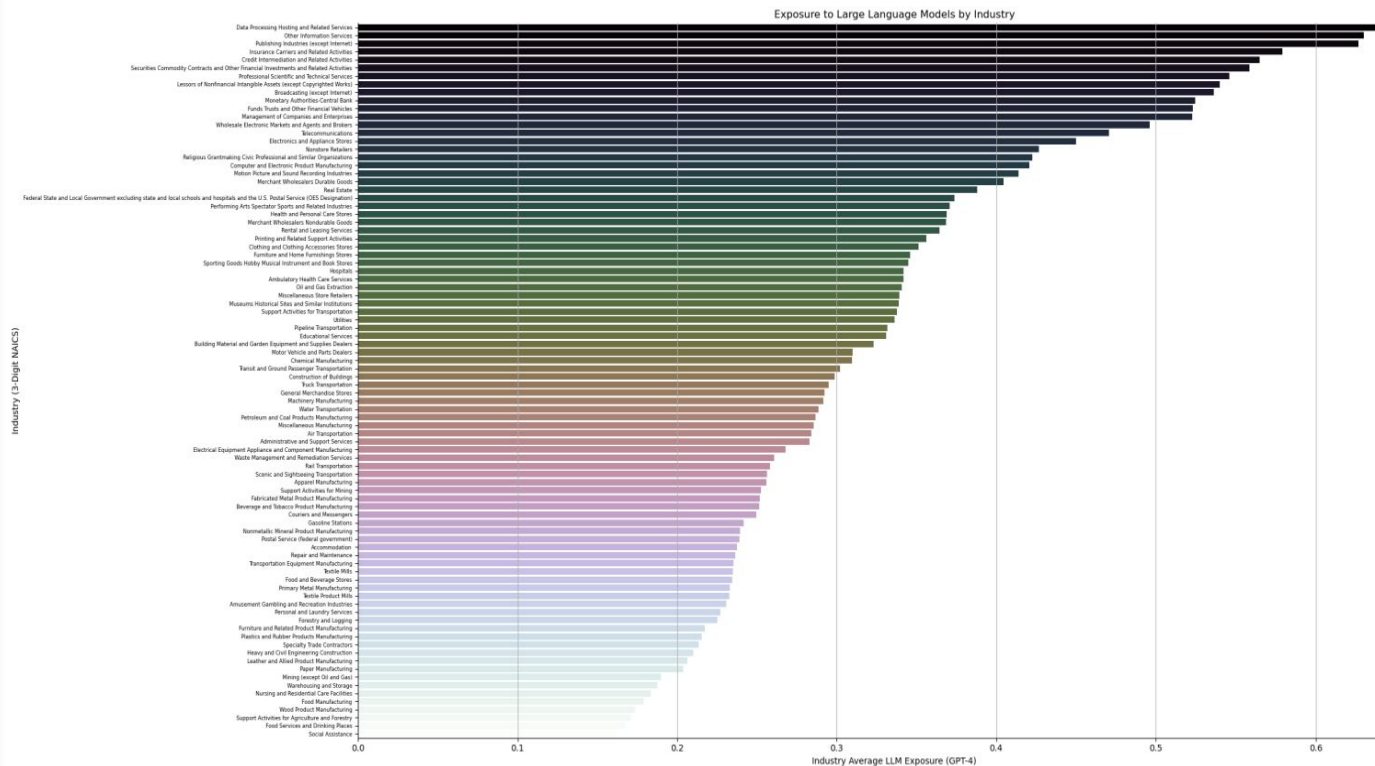
Saatva's AI Assistant

Design and implementation

Workflow



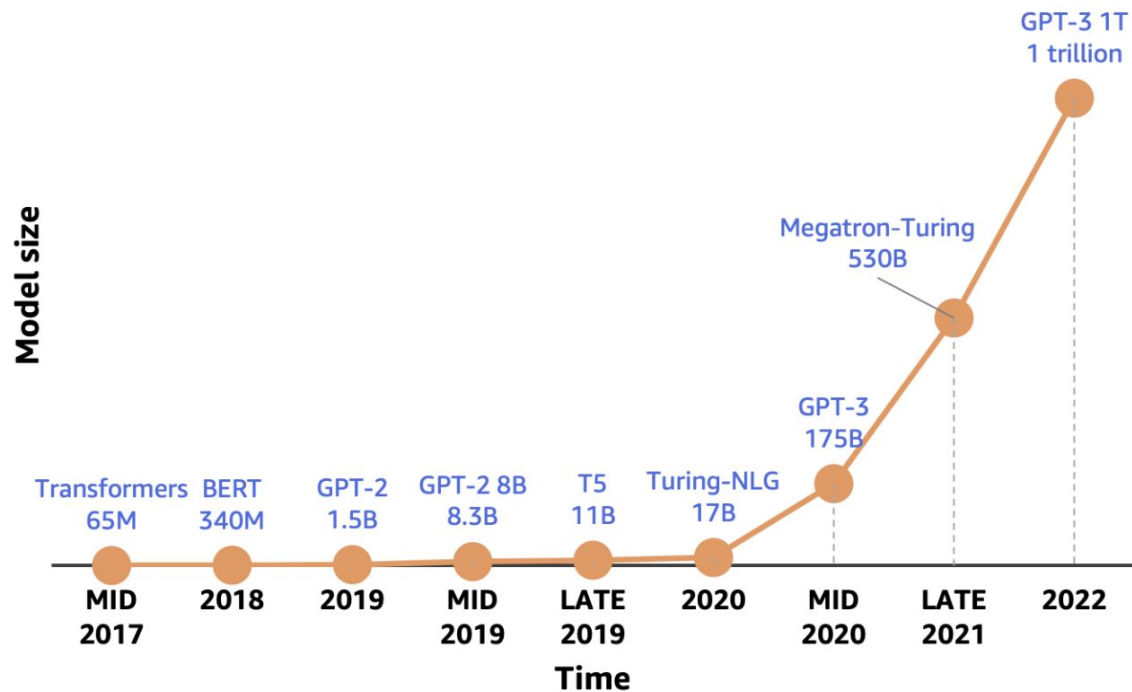
Exposure to LLM by industry



GPT-3, LangChain and Chroma: Our Smart Choice

- Choice of LLM:
 - Selected GPT-3 Over BERT Due to OpenAI's Developer-Friendly API Enhancing Accessibility for Developers.
- Fine tuning it to understand more about Saatva's products.
- Chroma: Simplifies AI applications with embeddings.
- Using LangChain:
 - It is a framework designed to simplify the creation of applications using large language models (LLMs).
 - Easily and efficiently access OpenAI's GPT-3 using langchain.

Larger Models Tend to Possess Higher Performance Potential

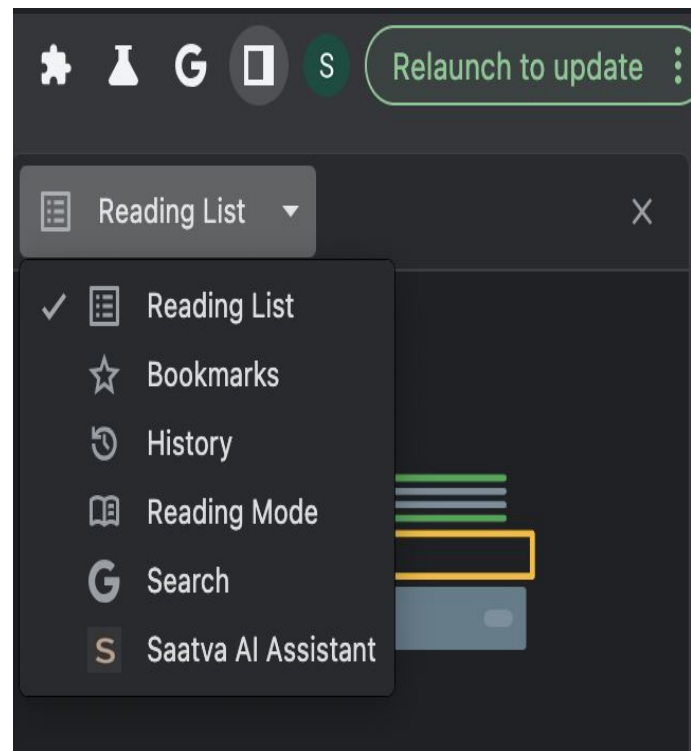
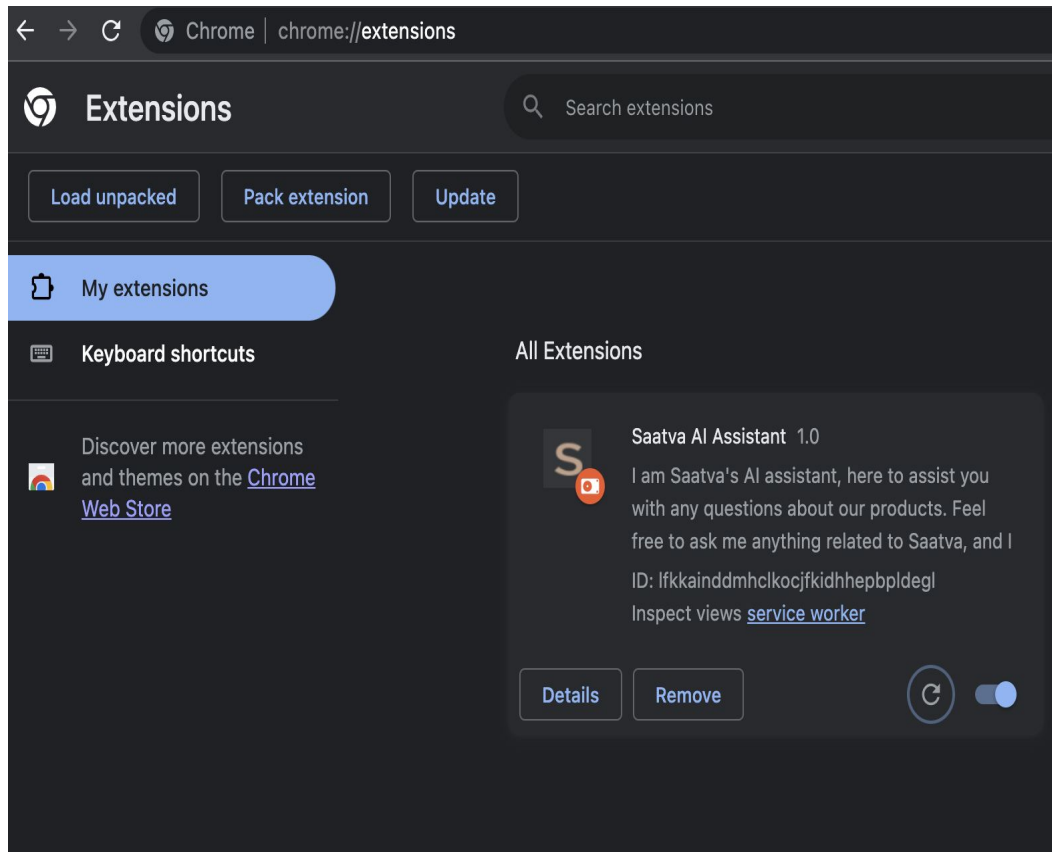


Document based chatbot

- Information about Saatva's products is gathered from its FAQs, and a document is generated.
- Chatbot's understanding based on Saatva's product documents.
- Context-aware responses from document information.
- Extraction of pertinent details for precise answers.

LLM Interface Development and Chrome Extension for Saatva AI Assistant

- Gradio simplifies the creation of web-based interfaces for machine learning models, including LLMs like GPT-3, enabling fast development.
- Facilitates user interaction with chatbots through the interface.
- A Chrome extension called as “Saatva_AI_assistant” is created and uploaded.
- The extension is designed to be visible in the Chrome Side Panel.
- The Saatva AI Assistant will be accessible to users via the Chrome side panel.



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The highest quality handcrafted mattresses, bedding & furniture at the most comfortable prices.

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365-night home trial



Free delivery & setup



Free mattress removal



Lifetime warranty

saatva

I am Saatva's AI assistant, here to assist you with any questions about our products. Feel free to ask me anything related to Saatva, and I will be happy to help. Happy shopping!

[Click to access the AI Assistant](#)

← → ↺ 🔒 17c86a519c9a03654b.gradio.live

How do I choose the best bed for me?

When choosing the best bed for yourself, there are several factors to consider:

- Sleep Position:** Consider your preferred sleep position (back, side, or stomach) and choose a mattress that provides adequate support and alignment for your spine in that position.
- Firmness Level:** Different sleep positions require different levels of firmness. Back sleepers generally do well with a slightly firmer mattress, while side sleepers may prefer a slightly softer mattress to cushion their shoulders and hips. Stomach sleepers typically need a medium-firm to firm mattress to prevent excessive sinking.
- Body Weight:** Take your body weight into account when choosing a mattress. Heavier individuals may require a mattress with extra support or a higher weight capacity.
- Support and Pressure Relief:** Look for a mattress that provides proper support to keep your spine aligned and relieve pressure points. Consider mattresses with additional support in the lumbar region or contouring memory foam for pressure relief.
- Material and Construction:** Consider the materials used in the mattress and their benefits. Options include innerspring, memory foam, latex, and hybrid mattresses. Each material has its own characteristics in terms of support, comfort, and durability.
- Motion Isolation:** If you sleep with a partner, consider a mattress with good motion isolation to minimize disturbances from their movements during the night.
- Cooling and Breathability:** If you tend to sleep hot, look for mattresses with cooling features such as gel-infused foam or breathable materials to promote airflow and regulate temperature.
- Durability and Warranty:** Consider the durability of the mattress and the warranty offered by the manufacturer. A longer warranty period can provide peace of mind and indicate the manufacturer's confidence in their product.
- Personal Preferences:** Lastly, consider your personal preferences for mattress height, edge support, and any specific features or technologies that you find important for your comfort and sleep quality.

By considering these factors, you can choose a bed that suits your individual needs and preferences for a comfortable and restful sleep.

Enter text and press enter

Submit

Clear

Use via API · Built with Gradio

Are Saatva beds good for those with back pain?

Yes, Saatva beds are specifically designed to help relieve pain and pressure points in your back, neck, and shoulders. They provide additional support in the center third (the lumbar zone) where your body is heaviest, helping to keep your hips elevated and maintain healthy spinal alignment. Saatva beds also include a layer of contouring memory foam and a cushioned Euro pillow top to take stress off sensitive joints. They have earned the Seal of Approval from the Congress of Chiropractic State Associations.

which is the best bed for kids?

The Saatva Youth mattress is a great option for kids. It is specifically designed for children and offers multilayer support. It is thicker than standard bunk bed mattresses, so it can be used with bunk or loft beds as long as the upper edge of the guardrail is at least five inches above the mattress for maximum safety. The Saatva Youth mattress has a height of 10 inches and a weight limit of 250 lbs.

Enter text and press enter

Submit

Clear

Future work and conclusion

- Successfully developed a chatbot using OpenAI's GPT-3 LLM that answers questions about Saatva's products.
- Future work:
 - Expanding the chatbot's capabilities to provide answers in multiple languages to reach a broader audience.
 - Personalization: Implementing personalization features to tailor responses based on individual user preferences and history.
 - User Feedback Integration: Collecting user feedback to improve the chatbot's performance and identify areas for enhancement.