

Multilingual Zero Shot Image Search

Using Text and Image.

Technical Details

This project is being developed using:

- Hugging Face Inference API
- Hugging Face Pipelines

1. CLIP Model:

Contrastive Language-Image Pretraining. CLIP can classify images, generate images from text, and perform various natural language processing tasks with impressive accuracy and versatility.

Link - [clip-vit-large-patch14](#)

2. mBart Model:

The model can translate directly between any pair of 50 languages. To translate into a target language.

Languages provided:

- Marathi
- Hindi
- English
- Malayalam
- Telegu
- Urdu
- Bengali

Link - [facebook-mbart](#)

3. ChromaDB:

Chroma is the AI-native open-source vector database. Chroma makes it easy to build LLM apps by making knowledge, facts, and skills pluggable for LLMs.

Link- [ChromaDB](#)

4. Streamlit:

Streamlit Library is used for User Interface.

Link - [streamlit](#)

Block Diagram

