README.md 2024-12-20

HakimAi

A medical imaging analysis platform powered by BiomedParse, offering comprehensive biomedical image analysis across multiple modalities.

Features

- Multi-modal Analysis: Support for various medical imaging types including X-ray, CT, MRI, pathology, and more
- Advanced Detection: Automated identification and segmentation of medical objects and conditions
- Interactive Interface: User-friendly Gradio interface for easy image upload and analysis
- **Powered by BiomedParse**: Utilizes Microsoft's BiomedParse foundation model for accurate medical image analysis

Usage

- 1. Upload your medical image
- 2. Select the analysis type
- 3. View the results including segmentation masks and detection results

Technical Details

This space uses:

- BiomedParse foundation model for medical image analysis
- Gradio for the web interface
- Git LFS for handling large files
- Python 3.9+ environment

Model Information

Based on BiomedParse, capable of:

- Segmentation
- Detection
- · Recognition across nine biomedical modalities

Check out the configuration reference at https://huggingface.co/docs/hub/spaces-config-reference