

EasyOCR Streamlit Application

What is EasyOCR?

- In this digital age, the ability to extract information from images is increasingly essential. This can be done by **Image Text Extraction with EasyOCR**. This application provides a straight forward interface for image text extraction.
- EasyOCR is a python library that utilises deep learning techniques to perform Optical Character Recognition(OCR). Supports multiple Languages and is known for accuracy and efficiency. The library is pre-trained on various datasets, enabling them to recognise a wide range of characters and text styles.
- **Key Features of the Application:**
 1. **User-friendly Interface:** Application employs Streamlit, powerful tool for building interactive web applications in python. Users can upload images with simple drag and drop interface, making it accessible for all.
 2. **Language Support:** EasyOCR supports multiple languages, allow users to extract text from images in various linguistic contexts. Application can be easily configured for different languages.
 3. **Real-Time Text Extraction:** Once an image is uploaded, application performs text extraction in real time. Extracted text is displayed clearly, enabling users to copy, edit and use it.
 4. **Annotated Image Display:** In addition to displaying the extracted text, the application provides an annotated version of the uploaded image, showing from where was the text is extracted. Aids in verifying OCR process. Visual representation of detected text areas.