𝗗𝗼𝗰𝗹𝗶𝗻𝗴

Advanced PDF understanding: tables, formulas, layout  
Works across formats: PDF, DOCX, XLSX, HTML, images  
Agent-ready: integrates with LangChain, LlamaIndex, Crew AI  
Local execution + vision model support  
  
Link: <https://github.com/docling-project/docling>

𝗱𝗼𝗰𝗧𝗥

PyTorch-powered: 2-stage (detect + recognize) OCR  
Built-in KIE (key info extraction) module  
Includes Streamlit demo & Docker support  
Easy API integration into your pipeline  
  
Link: <https://github.com/mindee/doctr>

𝗦𝘂𝗿𝘆𝗮

High-quality layout + LaTeX OCR  
90+ languages, open APIs & CLI  
Streamlit demo, hosted inference  
Great for academic or document-heavy use cases

Link: <https://github.com/datalab-to/surya>

𝗘𝗮𝘀𝘆𝗢𝗖𝗥

Plug-and-play setup  
80+ languages  
Hugging Face + Gradio support  
Best for small-scale and quick OCR integrations  
  
Link: <https://github.com/JaidedAI/EasyOCR>

𝗧𝗲𝘀𝘀𝗲𝗿𝗮𝗰𝘁

Supports 100+ languages  
Outputs: text, PDF, TSV, hOCR, ALTO  
Actively maintained (v5+) by the open-source community  
Best with image preprocessing for quality  
  
Link: <https://github.com/tesseract-ocr/tesseract>

𝗣𝗮𝗱𝗱𝗹𝗲𝗢𝗖𝗥

Production-ready, high-accuracy OCR  
Pipelines:  
 PP-OCRv5 – text recognition  
 PP-StructureV3 – multi-layout parsing  
 PP-ChatOCRv4 – document QA with ERNIE 4.5  
Supports handwritten text, mobile + industrial docs  
API + CLI + Multilingual + Accelerator support  
  
Link: <https://github.com/PaddlePaddle/PaddleOCR>