

### USING COMPUTER VISION TO EXTRACT DATA

**CoreExtract AI** specializes in high-accuracy extraction of key data elements from complex and inconsistent document formats, including graphical objects like tables, charts, and figures. Designed for seamless operation across secure and offline environments, this solution ensures that critical data is extracted with precision, regardless of document quality.

#### Key Features



**High-Fidelity Extraction:** Advanced AI/ML models accurately detect and extract key elements from both structured and unstructured documents.



**Graphical Object Recognition:** Tailored to extract data from tables, charts, and images, even in degraded or low-quality scans.



**Robust Preprocessing:** Automated noise reduction, image correction, and enhancement ensure optimal accuracy.



**Scalable Deployment:** Operates efficiently in environments ranging from high-performance clusters to air-gapped systems.



**Modular Design:** Adaptable components for seamless updates and integration into existing workflows.

**Enhanced Data Accuracy:** Reliably extracts high-quality data to reduce errors and manual intervention.



**Time and Resource Savings:** Automates traditionally labor-intensive document processing tasks.



**Versatility Across Formats:** Handles diverse document types, including scanned PDFs, TIFFs, and JPEGs.



**Scalable and Secure:** Ensures performance in both resource-rich and constrained environments while maintaining data security.



**Immediate Actionability:** Delivers structured data outputs in JSON, XML, or other formats for integration into downstream systems.



#### Benefits



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