ClearDox Spectrum Enhanced with AI on Google Cloud

ClearDox®, in partnership with Google Cloud Platform (GCP) and Maven Wave, has developed a natural language engine and commodity-specific models that automates data extraction for complex contracts and other documents, expanding their solution value.

The challenge

Commodity-intensive organizations often rely on error-prone manual approaches to reconcile the data across their trading and delivery processes. Most automation solutions lack the ability to digitize this broad mix of semi-structured and unstructured data, especially considering the diverse set of commodities involved. ClearDox was looking to enhance their platform to address this opportunity.

The solution

Data scientists and engineers from ClearDox and Maven Wave partnered to build the machine-learning operations (MLOps) capability using GCP. The core engine includes Vertex AI for model development, training, and hosting. Additionally, Cloud Functions for ML Pipeline Triggering and Cloud Storage were used. The ClearDox team's commodities expertise was critical to these enhancements.

The results

Using the new capability powered by GCP, ClearDox Spectrum customers gain an additional level of accuracy, efficiency, and value in their digitization efforts. The core engine allows them to address a broader array of commodities and complex documents in a streamlined manner, while the quality controls built into the MLOps ensure a consistent and high-quality experience.

> " This partnership enables us to enhance our ClearDox Spectrum solution with unique document segmentation technology that empowers commodity-intensive businesses to automate operations by processing a multitude of complicated contracts and other assets quickly and accurately. "
>
> Marc Lefebvre, Chief Technology Officer, ClearDox

About ClearDox

ClearDox helps commodity-intensive businesses secure a competitive advantage by digitizing critical data-intensive processes. ClearDox Spectrum, the only intelligent document processing solution created for commodities companies by commodities experts, has successfully processed hundreds of thousands of documents for leading global enterprises.
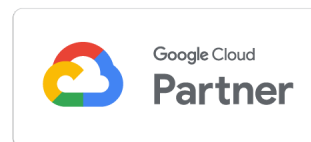
Industry: Business & Professional Services

Primary project location: United States

About Maven Wave Partners

Maven Wave, an Atos company, is a technology consulting firm working with leading companies to create agile, analytics-based solutions in the cloud.

Products

Google Cloud Platform