ElectrifAi

Data Sheet

ContractAi

ContractAi

ContractAi is a machine learning enabled software that utilizes Convolutional Neural Networks (CNN), Natural Language Processing (NLP) and industry knowledge to automatically read, analyze, and compare contracts across the enterprise, extract clauses, highlight potential hidden risks and provide business-critical insights into a client's supplier relationship.

Key Features

A machine learning enabled solution that extracts clasues and contract information from any contracts within your enterprise with unprecedented accuracy, exposing hidden risks to your IP, data privacy and more.

- It leverages pre-trained NLP models to extract 20 features from user contracts.
- Allows user to compare fee tables, volume discount thresholds and rebates schedules across suppliers to negotiate favorable terms.
- Allows user to monitor and assess risk level of all their historical and current contracts using the configurable risk model.

- Allows users to simultaneously search and retrieve information from multiple contracts.
- Users receive proactive alerts on contracts about to expire or about to auto-renew.
- Ability to export data table as a csv file and download contracts as word or PDF files.

Highlights

- ContractAi requires no manual intervention and offers insights via a customer friendly user interface (UI).
- Provides access to data analytics within hours or days instead of weeks or months.
- Transforms images of text into searchable word documents with superior accuracy.
- Guaranteed data security through client specific cloud storage protected by cloud IAM, firewall and VPC network peering.
- Allows user to upload multiple files in multiple file formats such as .doc, .docx and .pdf

Machine learning driven Insights

- ContractAi uses Convolutional Neural Network (CNN) and Natural Language Processing (NLP) to extract 20 contract clauses.
- All columns in the UI are based on the extracted clauses, allowing users to sort and configure each column and compare contracts across the enterprise.
- Contract details for all clauses can be viewed under Contact Explorer with the ability to view clauses for multiple contracts.

Advanced Security Protocol

- Use of Secure file transfer protocol (SFTP) to allow customers to upload multiple files of varying formats (.doc, .docx, .pdf) into a client specific cloud storage bucket.
- Permission secured by Google Cloud Identity and Access Management (IAM) system and multi-factor authentication.
- Cloud network secured with transport-layer encryption (HTTPS) to protect against data leakage over shared network links.
- Data at Rest Encryption.
- Transport Layer Security managed by TLS 1.2 which

allows the use of more secure hash algorithms such as SHA-256.
- Data within the cloud infrastructure protected by Cloud Firewall Rules, VPC network peering, tokenization, key management, segregated subnets.
- Monthly external and internal vulnerability scans, continuous vulnerability patching and third party penetration testing.
- Efficiency maintained through continuous backup and load balancers.

Technical Specifications

- Web-access to ContractAi via Google Chrome, Internet Explorer and Safari.
- Single sign-on (SSO).
- Customer data uploaded via SFTP protocol.
- Contracts can be uploaded in multiple file formats such as .doc, .docx and .pdf.
- Ability to export contractual clauses as csv files and download contracts as word or PDF files.