Ontra Achieves Milestone Accuracy in Legal Document Annotation with Datasaur's NLP Labeling

October 2024 | Case Study

Expanded labeling input by

6x

Decreased labeling time by

66%

01 Introduction

In 2024, Ontra, a leader in contract automation and management, partnered with Datasaur to address the growing complexity of their data annotation processes. With a focus on maintaining quality and efficiency, Ontra sought a solution that could streamline their workflows without compromising the accuracy of their annotations. Datasaur's advanced NLP platform provided the ideal solution.

02 The Story of Ontra

As a pioneer in legal technology, Ontra has revolutionized contract management for businesses worldwide. However, as their client base grew, their reliance on internal tools and spreadsheet-based annotation workflows became increasingly inefficient. The manual nature of these processes led to re-annotations, delays, and inconsistent quality—prompting the need for a more robust solution.

03 The Challenge

Ontra required a scalable, efficient platform to improve their data annotation process and ensure high-quality, accurate results. They also needed a tool that could integrate with their existing infrastructure, providing detailed analytics and reporting for monitoring and maintaining data quality. Their previous manual processes created inefficiencies, slowed project timelines, and introduced quality control challenges.

04 Why Ontra Chose Datasaur

Ontra selected Datasaur for its powerful features, ease of use, and flexibility. The platform's ability to handle complex legal documents while maintaining an intuitive interface made it the perfect fit for Ontra's needs.

- **Ease of Use and Navigation:**
  The platform's intuitive layout and efficient navigation tools have greatly enhanced our team's productivity in data labeling tasks. Its streamlined interface simplifies complex processes.

- **Customizable Workflow:**
  Datasaur's ability to adapt to Ontra's specific requirements meant it could be seamlessly integrated into their legal document review processes, eliminating inefficiencies from their previous toolset.

- **Responsive Vendor Support:**
  Ontra valued the highly collaborative approach from Datasaur's support team, saying

> 66 The support team has been great, offering quick and comprehensive solutions whenever we've encountered issues.

05 How Datasaur Responded

Dramatic Efficiency Gains

Before adopting Datasaur, Ontra's annotation processes were slow and resource-intensive, often extending projects to a full year. By transitioning to Datasaur, they condensed this timeline to just four months—a 66% reduction.

The labeling interface is easy and intuitive for non-technical users to access. The speed of the manual labeling increased significantly while utilizing their new interface. Furthermore, Datasaur's automation tools streamlined the workflow, reducing manual re-annotation and allowing Ontra to achieve faster, more accurate results. The final reason they achieved a 66% reduction in labeling time is because the QA tools the Datasaur platform offers.

Reviewer Mode allows team reviewers to efficiently work through disagreements between labelers and resolve conflicts. This QA tool enabled Ontra to have significantly more confidence in the quality of their dataset – meaning they did not have to re-annotate the same data more than once.

> 66 Consistently delivering high-quality, accurate data labeling, the platform has become important to our project's success.

Improved Data Quality and Accuracy

Datasaur's advanced reporting tools and IAA metrics allowed Ontra to monitor data quality in real time, ensuring greater accuracy and consistency across projects. This empowered Ontra's admin to track trend lines in their datasets and the execution of specific labels within their taxonomy. Such insights enabled them to strengthen their labeling guidelines and adjust their strategy exactly where adjustments were needed – in order to increase the accuracy of their ML models.

The final reason they achieved a 66% reduction in labeling time is because of the review capabilities the Datasaur platform offers. Reviewer Mode allows team reviewers to efficiently work through disagreements between labelers and resolve conflicts. The review interface identifies which labels have met consensus and which labels need resolution from a reviewer, making the QA process simple and easy. This Reviewer Mode tool enabled Ontra to have significantly more confidence in the quality of their dataset – meaning they did not have to re-annotate the same data more than once.

Seamless, Hands-Free AWS Integration

Ontra took advantage of Datasaur's API to connect directly to their AWS buckets, allowing for automatic project creation and exportation. The entire data pipeline is automated and secured end-to-end, with no need for manual intervention—offering a fully hands-free solution that ensures both efficiency and data security.

> **❝** Integrating the platform with our AWS environment has been seamless, providing us with scalable data labeling capabilities.

06 Results

1. **66% Faster Annotation Process**
   With Datasaur, Ontra reduced their project timelines from a year to just three months, significantly improving operational efficiency.

2. **Enhanced Data Quality and Accuracy**
   By leveraging Datasaur's powerful analytics and quality control tools, Ontra ensured higher accuracy and fewer errors in their data labeling efforts.

3. **Versatile Use Across Projects**
   Datasaur's flexibility allowed Ontra to expand its use across multiple projects, demonstrating the platform's ability to handle varied and complex workflows.

4. **End-to-End Secure Data Pipeline**
   Thanks to the integration of Datasaur with Ontra's AWS environment, the entire data pipeline—from project creation to export—is fully automated and secured, minimizing the risk of errors or breaches.

07 Conclusion

Ontra's collaboration with Datasaur has transformed their approach to data annotation, dramatically reducing timelines and enhancing data quality. Datasaur's intuitive interface, comprehensive feature set, and seamless integration with Ontra's AWS infrastructure created a hands-free, secure data pipeline, allowing the team to focus on higher-value tasks. With Datasaur's ongoing support and innovation, Ontra is well-equipped to continue scaling and delivering top-tier contract automation solutions.

About Datasaur

Datasaur is a private LLM provider and data labeling platform designed for companies to build their AI ecosystem with ease and efficiency. It assists organizations and universities in setting up custom LLMs and annotating data more efficiently and accurately through automation, quality control, and human-in-the-loop workflows. For more information, visit www.datasaur.ai.

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