

Navigate360 Increases Labeling Production by Multiples on Datasaur

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Expanded labeling input by

6x

01 The Story of Navigate360


In 2023, Navigate360, a leading company in EdTech, began its collaboration with Datasaur. As part of their comprehensive school safety suite, one of Navigate360's key products focuses on digital threat detection to address mental health challenges among students. To ensure the highest quality of their Digital Threat Detection product, Navigate360 needed a robust and reliable data labeling solution.

02 The Challenge of Manual Data Labeling

Before adopting Datasaur, Navigate360's data labeling processes relied on spreadsheets, which were manually intensive, time-consuming, and lacked readability and peer review capabilities. This system was not efficient enough to meet their growing needs for streamlined labeling processes. They required a more mature product and platform to support the increasing complexity of their ML product.

03 Why Navigate360 Chose Datasaur

Navigate360 needed a solution that could streamline their labeling process and improve readability and peer review capabilities. They found that Datasaur provided a platform that directly supported their classification workflow. During their exploration of the platform, they also noted its ease of use: data scientists could unlock highly complex automations and annotators could intuitively label documents.




Navigate360's team appreciated that both technical and non-technical users could access the platform's features with equal ease. They ultimately chose Datasaur for its comprehensive tooling, which includes a labeling interface with labeling automations, a reviewer mode for easy QA, and multiple reporting tools. Additionally, Datasaur's integration with AWS was a significant factor in their decision.

04 How Datasaur Responded

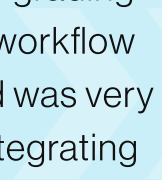
1. Comprehensive Labeling Solutions

Datasaur provided a streamlined process for classifying and categorizing student-authored texts. The platform's automation features and intuitive interface helped Navigate360 save time and reduce errors, allowing them to focus on the product's core mission of accurate, precise, and insightful digital threat detection. As the complexity of Navigate360's product grew, they needed more modalities of labeling.

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Recently we've started using Datasaur for grading LLM responses. This specialized and custom workflow was successfully integrated with Datasaur and was very easy to set up. We are also working towards integrating NER and image labeling.



With every evolution in Navigate360's labeling needs, Datasaur provided the solutions. This flexibility allowed Navigate360 to explore new ML solutions and labeling techniques without needing another vendor.

2. Enhanced Peer Review

Datasaur's platform enabled a Reviewer Mode for all labeling work, allowing admins to efficiently resolve annotator disagreements. The platform also supports admins by providing comprehensive reporting and analytics on labeling productivity and quality. This enabled Navigate360's team to identify error trends in their dataset and refine their labeling guidelines. This capability ensured high-quality and accurate data labeling, improving the overall reliability of their product.



3. Scalable, Secure Operations


With Datasaur, Navigate360 could integrate with their S3 bucket on AWS for data upload and export, ensuring a seamless experience via API integration. This pipeline kept their data safe and private within Datasaur's end-to-end encrypted environment directly integrated with Navigate360's AWS bucket.

4. Dedicated Support


Navigate360 benefited from Datasaur's dedicated support team, which provided timely and effective assistance. The support included customizations to the platform, feature requests, and deep-dive calls on workflow questions.

5. Solving the Initial Problem and Beyond

Datasaur not only solved Navigate360's initial problem but also provided additional benefits



Datasaur solved our initial problem with needing an upgrade from spreadsheets, but it went a step further with the review capabilities. The peer review has enabled us to have more confidence in the quality of our data.



Because of these process improvements, which bolstered the quality of data, they began using more annotators throughout the team. They successfully transitioned from one labeler to six dedicated labelers, significantly increasing their capacity to handle more labeling tasks with higher efficiency.

05 The Results

After implementing Datasaur, Navigate360 experienced several significant improvements:

1. Increased Productivity

The intuitive interface and efficient peer review tools boosted the team's productivity, allowing them to complete labeling tasks faster and with greater accuracy.

2. Reliable Support

The custom support from Datasaur's team ensured smooth operations and quick resolution of any issues, contributing to Navigate360's overall satisfaction with the platform.



3. Enhanced Data Quality

With consistently high-quality and accurate data labeling, Navigate360 was able to improve the performance of their Digital Threat Detection product, leading to better outcomes for student mental health monitoring.

06 Conclusion

By leveraging Datasaur's advanced NLP labeling platform, Navigate360 significantly enhanced their text classification and categorization processes, resulting in increased productivity, improved data quality, and scalable operations. The collaboration with Datasaur enabled Navigate360 to focus on their core mission of providing effective digital threat detection solutions for students while respecting their privacy.

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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