







## CHALLENGE

# Not designed for humans.

My first project at Digital Reasoning was the design of a new tool for data scientists to annotate training datasets for machine learning models.

Annotation is an essential part of a data scientist's workflow for developing new ML models for natural language processing. It involves meticulously applying layers of metadata ranging from tokens (words and punctuation) to phrases, sentences, and multi-sentence regions. Accuracy and efficiency are both paramount. Missing or incorrect annotations on a single training document can affect the accuracy of the whole model.

The company's existing annotation app was outdated and cumbersome to use even for skilled in-house data scientists. Among other UX issues, it forced users to continually switch their attention back and forth between content and annotation panes, as well as to scroll a great deal to find the right annotation to use.

