Classification Product Reviews Webinar

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Overview

An in-depth look at hierarchical classification, a machine learning approach that organizes data into a hierarchical structure of categories, sub-categories, and sub-sub-categories. Let us use Amazon reviews to demonstrate the practical application!

Hierarchical Classification

I am at the Apple Store getting a **cellphone.** I admire Steve Job's vision of the **iPhone.** How can I get this **electronic** **device** at a good price?

0.15

0.75

0.10

0.8(.75)

0.15(.75)

0.05(.75)

.65(.8)(.75)

.2(.8)(.75)

.1(.8)(.75)

.05(.8)(.75)

Our Solution

State of the art few shot learning to make high quality predictions with a few labeled samples.
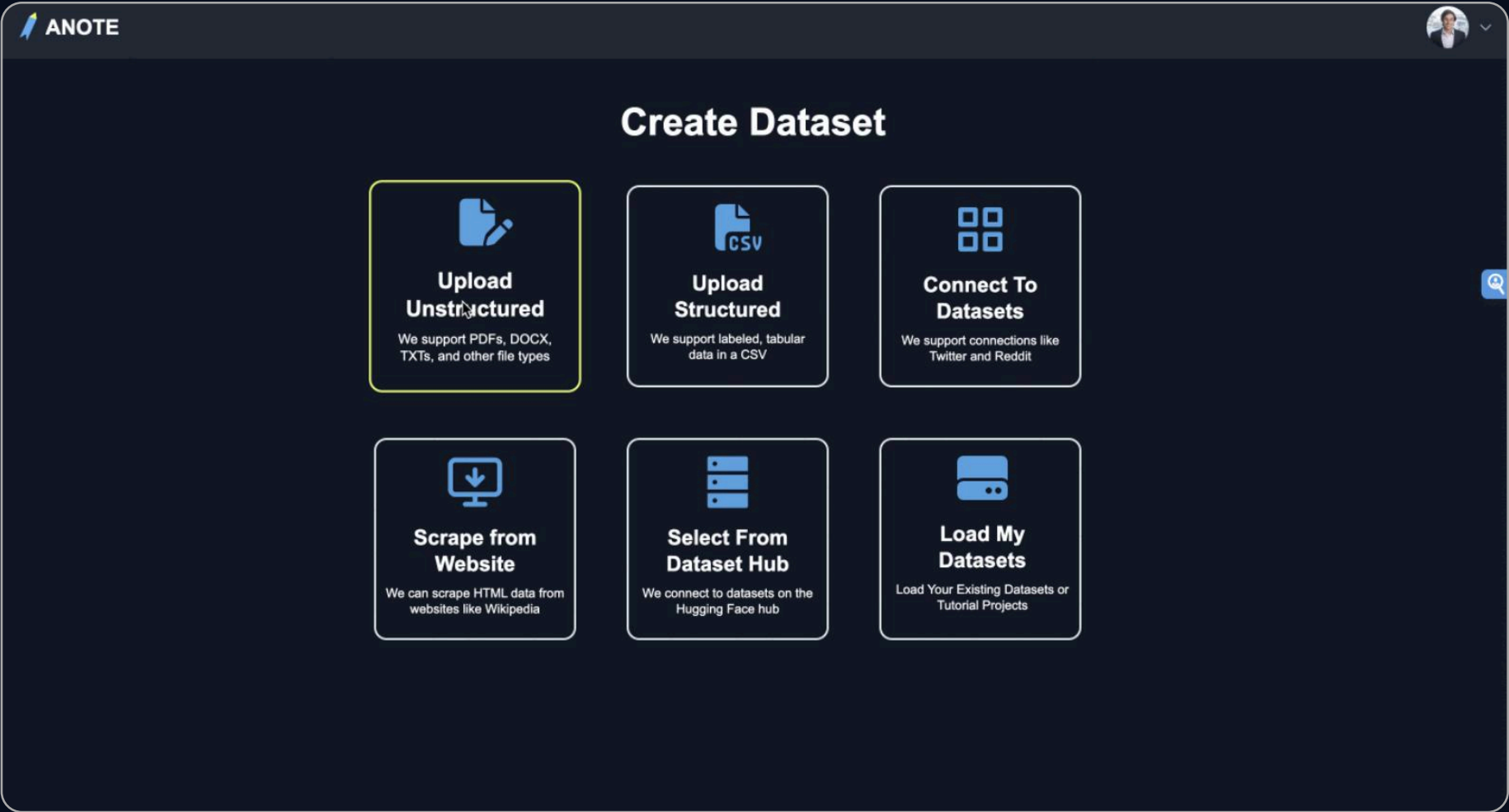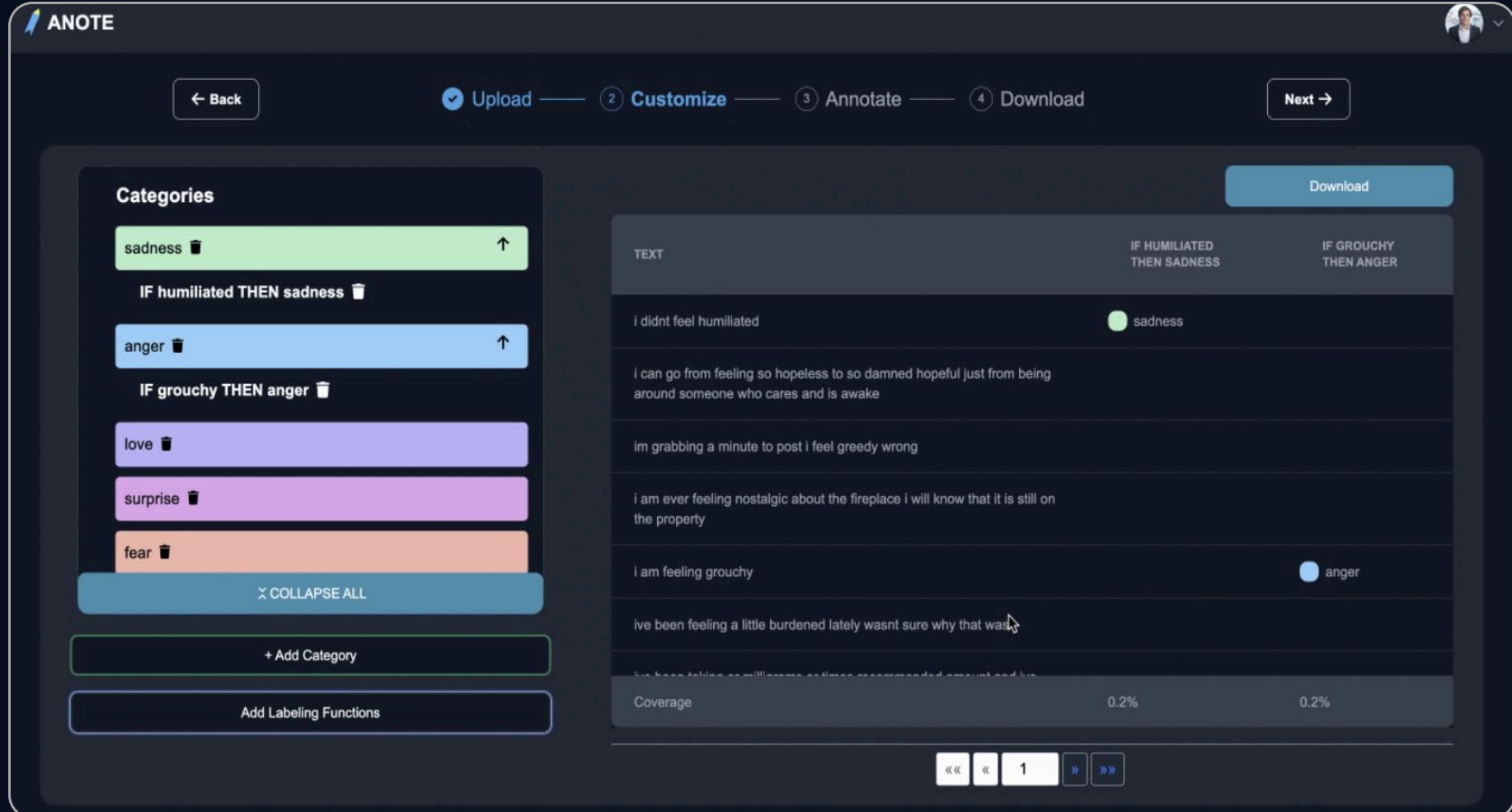
Upload

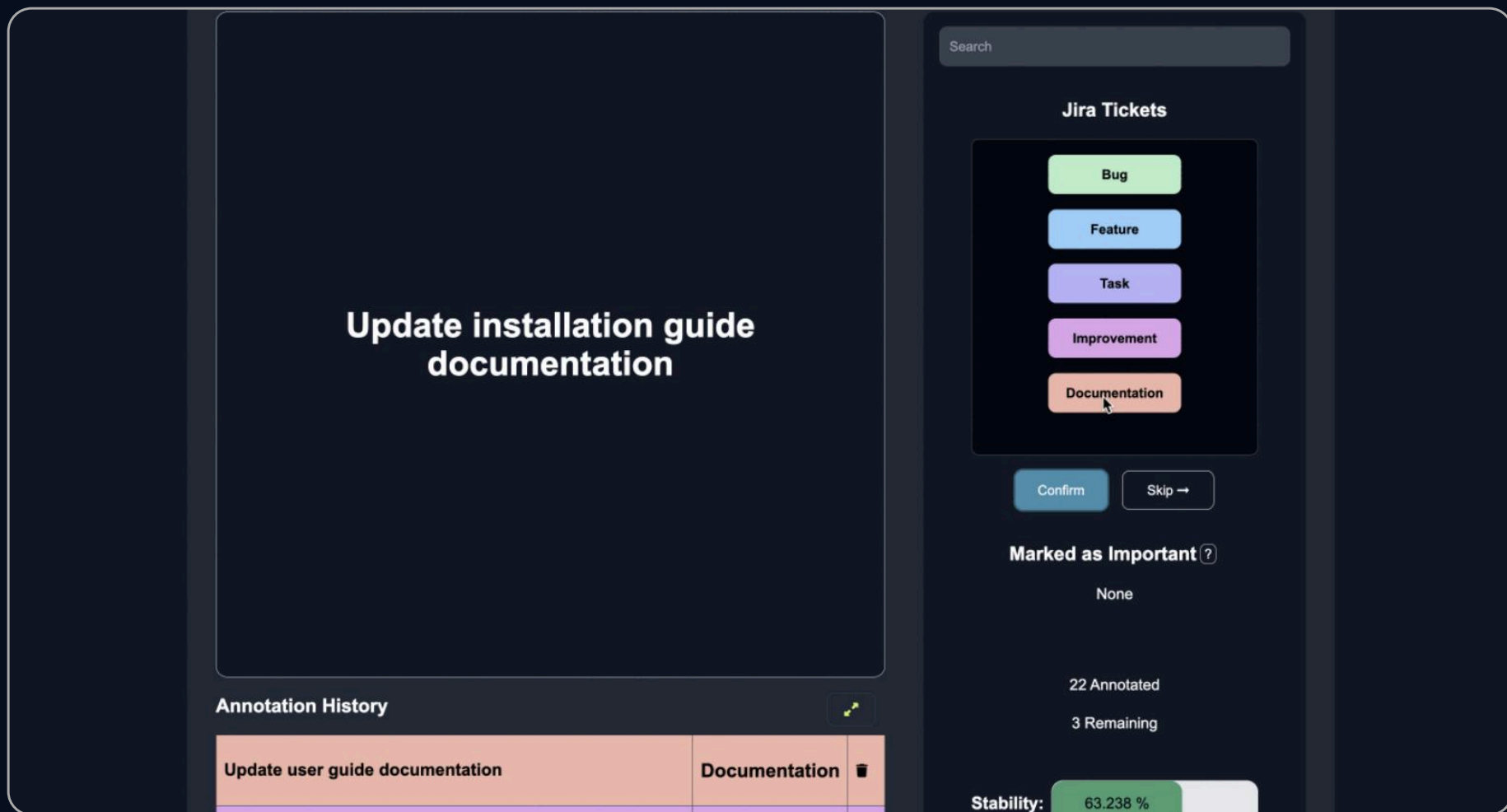Create a new text based dataset.

Customize

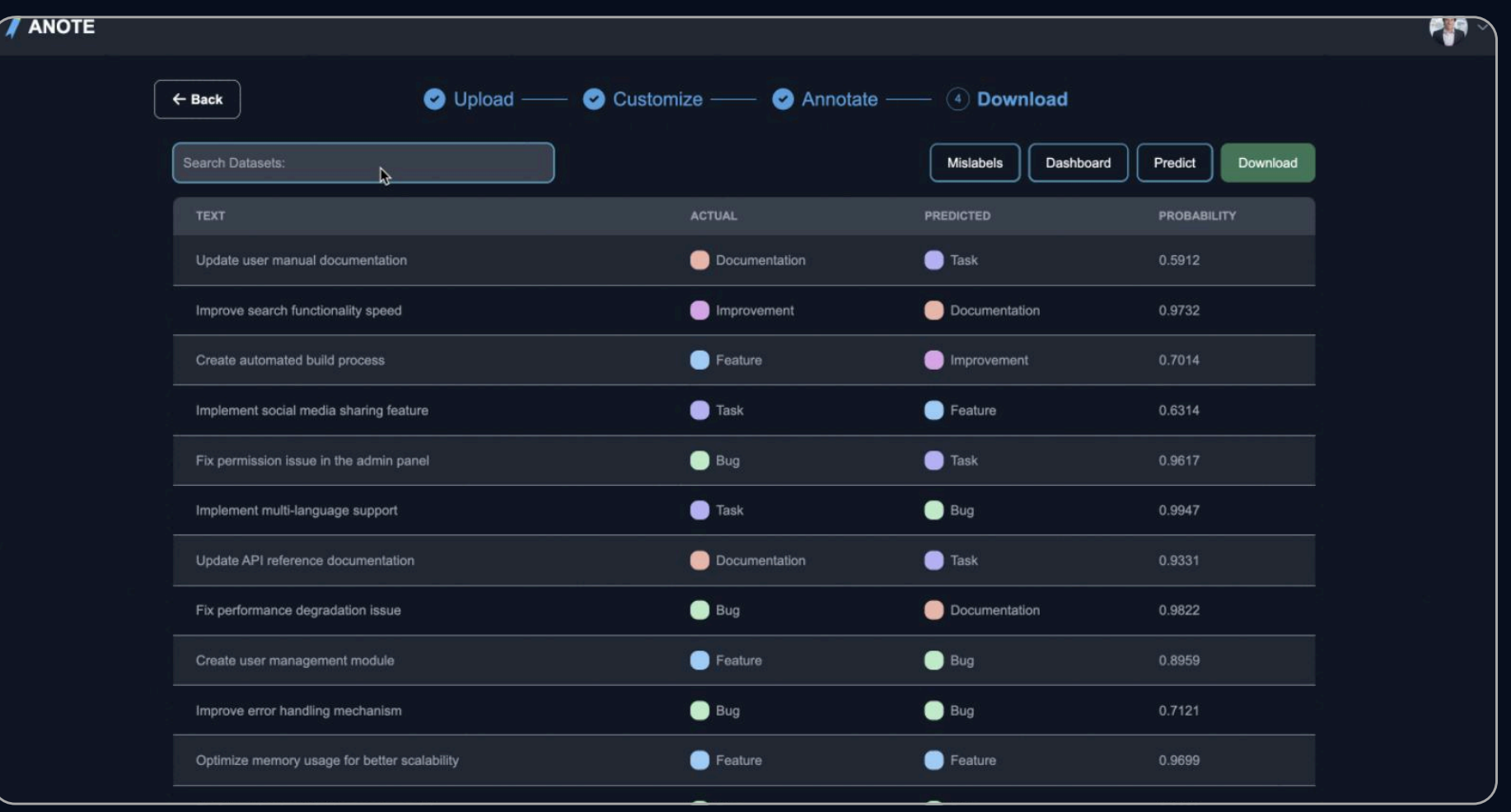Add the categories, entities or questions you care about

Annotate

As you annotate a few edge cases, the model actively learns to predict the rest.

Download

Download the resulting labels as a CSV. Export fine tuned model as an API endpoint

Product Demo

Fine-tuning Language Model + Human Feedback Performance

Figure 5: Amazon Dataset Plot

Performance Comparison on Amazon Dataset