

## Case Study: Odetta's Impact on Satellite Annotation Precision

In handling global satellite imagery complexities, Odetta has earned a reputation for our dedicated white glove team, which is skilled in precise geospatial data annotation. Our client provides satellite data to assist governments and businesses in understanding the physical world. Our client had images featuring clouds obscuring buildings, and our task was to detect and annotate the clouds based on cloud cover, haze, shadows, snow, and clear areas. Odetta's role facilitated the client in analyzing images effectively, improving insights into Earth's features.

### Challenges

- **Cloud Annotation**  
A particularly intricate aspect of this task was the annotation of clouds, adding an extra layer of complexity to the categorization process.
- **Satellite Categorization**  
The challenge was to ensure careful detail in categorizing each element within the satellite images.
- **Essential Human Judgment**  
Precision was the key, and human judgment became crucial for accurately categorizing Earth's features.

### Solution

Odetta, known for understanding data, jumped in to help. We used our expertise to tackle the challenges and worked on refining the client's understanding of the world. With our precise annotations followed by categorization on satellite images, made even easier using [Label Studio](#), we enhanced the transparency of global insights for the client.

### Outcome

Using Label Studio, Odetta effectively annotated over 30K images. We began with a practice batch of 1K images and then progressed through three main rounds, handling approximately 10K images each month. Ensuring a consistent standard, we submitted work weekly and conducted thorough reviews to guarantee accuracy and high quality throughout the project.

### Why Odetta?

With Odetta's know-how and our team working together on satellite annotation, the client got super accurate and effective results for their AI models. Odetta understood what the client needed, following global standards and personalized processes. The project went smoothly, meeting all the client's requirements and leaving them highly satisfied with the results.

### Testimonial by Client in the Satellite Imagery Industry

*"Thank you for your work in labeling clouds for us over the past month! We have been working with the labels you provided and are already getting great value from them. With these labels, we can make informed decisions about the development of our product, in turn making life better for the users of our product. I was just recently speaking with an agriculture customer who is excited by the possibilities for improving the efficiency of their operations, using new features informed by these cloud labels."*

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