KOGNIC⟩

The **annotation** platform helping you produce and verify the right data for **sensor-fusion** perception.

Kognic accelerates machine learning for performance-critical, Embodied AI such as automated and autonomous driving - ADAS/AD, robotics and industrial mobility.

As a trusted partner for global enterprises producing complex datasets, Kognic continuously improves its software - enabing smart automation - to become more efficient. How can we help reduce your total cost?

Pre-Annotation to the rescue

Pre-Annotation is the process of assigning preliminary labels to specific elements. The better your model is at finding objects - before core annotation tasks are underway - the less resources (and time) you need to get the job done.

Import Data

Guideline Acceptance

Pre-Annotation

Annotate & Review
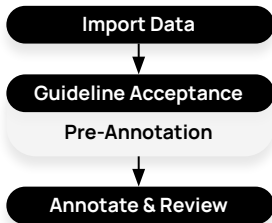
What can Pre-Annotation provide?

The value of pre-annotations is to apply labeling metadata upfront to allow for manual annotation to then focus on what matters. It is important to know where human feedback is best leveraged - not every shape needs human-in-the-loop. Pre-annotations can help create this balance.

Where does Pre-Annotation help?

In a recent effort, pre-annotation *reduced annotation time up to 62%* compared to annotating from scratch. The automation provided suggested positions for objects using dashed cuboids, enabling faster annotation without compromising accuracy.

You can then access all this through Kognic's **Co-Pilot** capability which is intergated into our award-winning developer experience. The variety of shapes that pre-annotations can be applied to have great potential for accelerating the correction process for simple 2D and even more complex 3D cuboids.
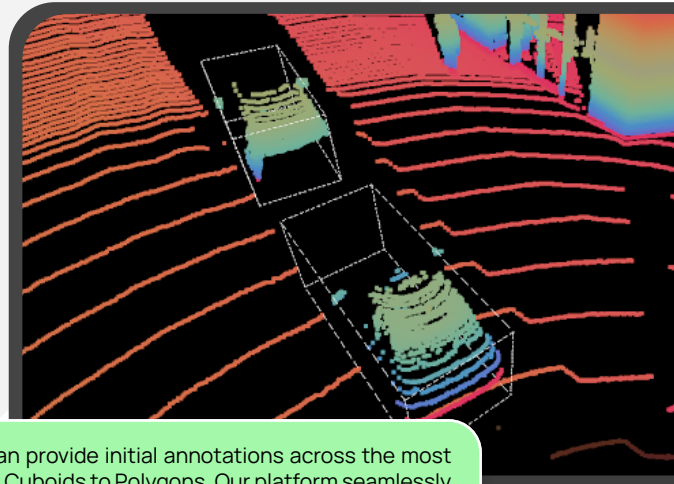
point2d

poly3d

bbox

cuboid

Getting started with pre-annotations is simple. You can provide initial annotations across the most common array of geometries - from Bounding Boxes to Cuboids to Polygons. Our platform seamlessly integrates and then utilizes pre-labels throughout your dataset workflows. And all this is accessible via our API bench - underline check it out here.

Do you want to spend less on ground-truth?

Let's put Pre-Annotation to work.

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```

trusted by

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