# SKYLAR
## Vision Accelerator!

## WHAT IS SKYLAR

Skylar is a computer vision platform that allows any users to
1. Build
2. Train
3. Use

any image classification model with no technical expertise

## KEY CHARACTERISTICS

1. Construct numerous image classification models swiftly and easily, leveraging the available datasets, even without prior technical expertise.
2. The system automatically determines the optimal hyperparameters to ensure accuracy surpassing 90% for all classification models, while significantly reducing training and inference time.
3. Skylar core engine is enriched with state-of-the-art Deep Learning models.
4. Effortlessly enhance the accuracy of existing models by retraining them with additional images.
5. Skylar provides optimized architecture for the most efficient task executions.
6. Easy integration with external systems

## WHY YOU SHOULD CONSIDER SKYLAR TO SOLVE YOUR VISION BUSINESS PROBLEM

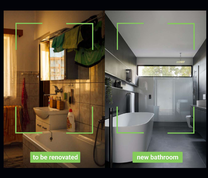
1. You don't require any prior expertise in AI vision.
2. Skylar offers a pre-built framework, reducing time to market.
3. Assist in developing cost-effective and high-quality solutions for your organization.
4. Minimize the development time needed for the model.

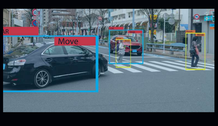
### Medical Diagnosis In Healthcare

Healthcare professionals can easily train a diagnosis model based on the images for critical diseases.

### Inspection And Monitoring

Retail, Manufacturing, Real Estate enterprises can build their own custom classifier models to detect any hazardous objects.




### Automotive

Autonomous Vehicles - Computer vision is crucial for self-driving cars, enabling them to perceive and understand the surrounding environment, detect objects, and make informed decisions for navigation and safety.

Driver Monitoring - Computer vision can monitor driver behavior, detecting signs of drowsiness, distraction, or fatigue, and alerting the driver or taking appropriate actions to prevent accidents.

### Security

Intrusion Detection - Computer vision can monitor surveillance camera feeds to detect unauthorized access or intrusions in restricted areas, alerting security personnel in real-time.

Crowd Management- Computer vision can analyze crowd movements and behavior, detecting potential security risks, crowd density, and flow patterns for efficient crowd management in public spaces or events.


### Agriculture

Crop Monitoring - Computer vision can analyze aerial or ground-based images of crops, detecting diseases, pests, nutrient deficiencies, and optimizing irrigation and fertilization practices for improved yield and resource management.

BooleanLabs