Object Detection

Report A : Depi Project week 1 Progression

Team 3

What Was Done

Member	Description	Status
Rami Al-Rafe'ie	**Labeling :** Labeled The dataset with `labelImg` labeling tool **Preprocessing:** Uploaded the dataset to kaggle and preprocessed the images (initial phase)	Done
Mohamed Hany	**Web Scraping:** Facilitated the scraping of car images from instagram to be labeled **Labeling :** Helped with the image labeling to reduce the overall workload	Done

The objective of the dataset:

This dataset contains images of Egyptian cars with labeled bounding boxes around the car number plates. It is for automatic license plate recognition and number plate detection.

Link to the labeled Dataset

Link to the Kaggle Notebook

The DataSet

About

This dataset consists of images of Egyptian cars, scraped from various sources, with a focus on capturing visible car number plates. Each image is labeled with a bounding box annotation that identifies the location of the car number plate.

Key Features:

Number of Images**: ~5000 Images**

Image Format:

JPEG/PNG Image Resolution**: Variable**

Annotations:

Each image is annotated with one or more bounding boxes specifying the **coordinates** of the car's number plate.

Labeling Format:

The bounding box is provided as a set of four coordinates **(x_min, y_min, x_max, y_max)**, representing the top-left and bottom-right corners of the bounding box.