

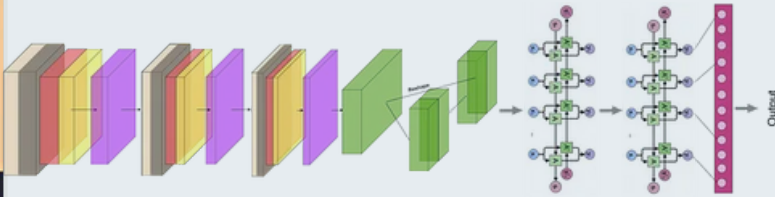
Car Plate Number Recognition

Instructions:

Developing an Optical Character Recognition (OCR) model to accurately recognize alphanumeric characters from European car plates.



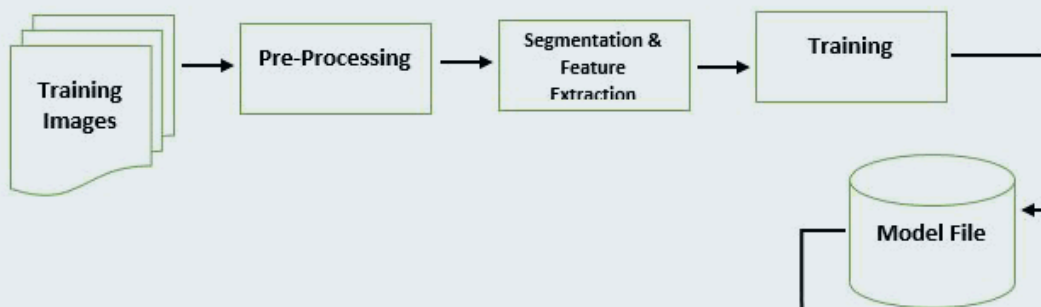
Model structure: CNN/CRNN



Use a Convolutional Neural Network (CNN) or a Convolutional Recurrent Neural Network (CRNN) model, as these architectures are well-suited for sequence prediction tasks.

Training and Evaluation:

Training Pipeline



Testing Pipeline



Goal: real-world applications

The main goal of this project is to build a deep learning-based optical character recognition (OCR) model that can accurately read and extract characters from European license plates. And it is essential for various real-world applications, such as automated toll collection, parking management, traffic management, and law enforcement.

