Assignment - Machine Learning

Objective:

The objective of this assignment is to build an OCR solution for the provided dataset. This specific dataset is normal and HDR readings of license plates.

Requirements:

1. Use an 80:20 train:test split on the provided dataset
2. Create a model for reading the text using any approaches or tools that you are familiar with or can learn
3. Use the available test set to check the accuracy of your model
4. Do not use any cloud services for OCR.

Outcomes:

1. A model that can read the text on the license plates with as high an accuracy as possible
2. A documentation of your approach along with reasoning for your model choices
3. You can commit this code and document to a public or private repo on a service like Github or Gitlab and share with us.
4. Usually this is a task that will take about a weekend for someone familiar with the techniques involved. In case you think it will take you more time, please let us know the time required and we can adjust accordingly.

Dataset:

1. The image dataset here contains 652 images of cropped license plates with a csv containing annotation as well.

Citation:

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