UDACITY

Back to Self-Driving Car Engineer

Traffic Sign Classification

REVIEW

CODE REVIEW

HISTORY

Meets Specifications

Good job overall. Congratulations on completing and on passing this milestone project!

Now onward to Behavioural cloning :-)

Files Submitted

The project submission includes all required files.

- **Ipython notebook with code**
- **HTML output of the code**
- **A writeup report (either pdf or markdown)**

Dataset Exploration

The submission includes a basic summary of the data set.

The submission includes an exploratory visualization on the dataset.

Good visualizations.

Design and Test a Model Architecture

The submission describes the preprocessing techniques used and why these techniques were chosen.

The submission provides details of the characteristics and qualities of the architecture, including the type of model used, the number of layers, and the size of each layer. Visualizations emphasizing particular qualities of the architecture are encouraged.

The submission describes how the model was trained by discussing what optimizer was used, batch size, number of epochs and values for hyperparameters.

The submission describes the approach to finding a solution. Accuracy on the validation set is 0.93 or greater.

You've reached a nice accuracy! Well done.

Test a Model on New Images

The submission includes five new German Traffic signs found on the web, and the images are visualized. Discussion is made as to particular qualities of the images or traffic signs in the images that are of interest, such as whether they would be difficult for the model to classify.

The submission documents the performance of the model when tested on the captured images. The performance on the new images is compared to the accuracy results of the test set.

The top five softmax probabilities of the predictions on the captured images are outputted. The submission discusses how certain or uncertain the model is of its predictions.

DOWNLOAD PROJECT

RETURN TO PATH

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