

Basic regression with regressor linear and neural network

Task 1

Go to the:

<https://www.tensorflow.org/tutorials/keras/regression>

Follow the entire tutorial on fuel efficiency prediction. In addition, you should visualize balance histograms for each layer and training epoch, and waveforms of cost function values and other metrics through epochs. You should use a tensorboard for this:

https://www.tensorflow.org/tensorboard/get_started

https://colab.research.google.com/github/tensorflow/tensorboard/blob/master/docs/tensorboard_in_notebooks.ipynb

Visualizations through the tensorboard should be done for linear regression multi-input and neural network from the tutorial.