

References for parameter 1 .ipynb file and sheet

Pyro Processing

https://keras.io/getting_started/intro_to_keras_for_engineers/
<https://algorithmia.com/blog/introduction-to-optimizers>
<https://machinelearningmastery.com/rectified-linear-activation-function-for-deep-learning-neural-networks/>
https://keras.io/api/layers/core_layers/dense/
<https://machinelearningmastery.com/difference-test-validation-datasets/>
<https://stackoverflow.com/questions/4674623/why-do-we-have-to-normalize-the-input-for-an-artificial-neural-network>
<https://www.tensorflow.org/tutorials/keras/classification>
https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.to_numeric.html
<https://www.journaldev.com/23715/python-convert-string-to-float>
https://en.wikipedia.org/wiki/Batch_normalization
<https://www.tensorflow.org/guide/tensor>
<https://numpy.org/doc/stable/reference/generated/numpy.ndarray.astype.html>
<https://numpy.org/doc/stable/user/basics.types.html>
https://keras.io/api/losses/regression_losses/#meansquarederror-class
<https://keras.io/api/metrics/>
<https://machinelearningmastery.com/difference-test-validation-datasets/>
https://www.tensorflow.org/api_docs/python/tf/keras/layers/concatenate
<https://machinelearningmastery.com/batch-normalization-for-training-of-deep-neural-networks/>
https://keras.io/api/layers/normalization_layers/batch_normalization/
https://www.tensorflow.org/api_docs/python/tf/keras/layers/BatchNormalization
<https://machinelearningmastery.com/regression-tutorial-keras-deep-learning-library-python/>
<https://keras.io/api/losses/>
https://www.tensorflow.org/tutorials/keras/overfit_and_underfit
<https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.DataFrame.sample.html>
<https://stats.stackexchange.com/questions/350678/deep-learning-using-dropout-in-autoencoders>
<https://keras.io/api/layers/regularizers/>
<https://blog.keras.io/building-autoencoders-in-keras.html>
<https://www.jeremyjordan.me/autoencoders/>
https://matplotlib.org/api/_as_gen/matplotlib.pyplot.plot.html#matplotlib.pyplot.plot
<https://pandas.pydata.org/pandas-docs/stable/reference/api/pandas.DataFrame.sample.html>
<https://docs.python.org/3/library/functions.html#max>
https://www.learnpython.org/en/Numpy_Arrays
<https://www.journaldev.com/16025/python-matrix>