Introduction to Tensorflow for Artificial Intelligence, Machine Learning, and Deep Learning

Week 3 - Experiment with filters & pools - https://lodev.org/cgtutor/filtering.html

Week 4 - Training the neural network - Understanding Categorical Cross-Entropy Loss, Binary Cross-Entropy Loss, Softmax Loss, Logistic Loss, Focal Loss and all those confusing names - https://gombru.github.io/2018/05/23/cross entropy loss/

RMSProp - https://www.cs.toronto.edu/~tijmen/csc321/slides/lecture_slides_lec6.pdf

Convolutional Neural Networks

Week 2 - Image Augmentation - https://keras.io/api/layers/preprocessing_layers//preprocessing_layers/image_augmentation/

Natural Language Processing

Week 2 - Subword Tokenizer

KeralNLP Library - https://keras.io/keras_hub/
WordPiece Tokenizer - https://keras.io/keras_hub/api/tokenizers/compute_word_piece_tokenizer/

WordPiece Algorithm Research Papers - https://static.googleusercontent.com/media/research.google.com/en//pubs/archive/37842.pdf

https://arxiv.org/abs/2012.15524