Additional Material and Links

Feature extraction from text

Bag of words

* [Feature extraction from text with Sklearn](http://scikit-learn.org/stable/modules/feature_extraction.html)
* [More examples of using Sklearn](https://andhint.github.io/machine-learning/nlp/Feature-Extraction-From-Text/)

Word2vec

* [Tutorial to Word2vec](https://www.tensorflow.org/tutorials/word2vec)
* [Tutorial to word2vec usage](https://rare-technologies.com/word2vec-tutorial/)
* [Text Classification With Word2Vec](http://nadbordrozd.github.io/blog/2016/05/20/text-classification-with-word2vec/)
* [Introduction to Word Embedding Models with Word2Vec](https://taylorwhitten.github.io/blog/word2vec)

NLP Libraries

* [NLTK](http://www.nltk.org/)
* [TextBlob](https://github.com/sloria/TextBlob)

Feature extraction from images

Pretrained models

* [Using pretrained models in Keras](https://keras.io/applications/)
* [Image classification with a pre-trained deep neural network](https://www.kernix.com/blog/image-classification-with-a-pre-trained-deep-neural-network_p11)

Finetuning

* [How to Retrain Inception's Final Layer for New Categories in Tensorflow](https://www.tensorflow.org/tutorials/image_retraining)
* [Fine-tuning Deep Learning Models in Keras](https://flyyufelix.github.io/2016/10/08/fine-tuning-in-keras-part2.html)