

The following are a few Reference Material Links that will help you get more idea about the topics that are going to be discussed in Session 4.

Image:

- Eigen Face

<https://en.wikipedia.org/wiki/Eigenface>

<http://www.scholarpedia.org/article/Eigenfaces>

<https://www.youtube.com/watch?v=MRMbZJ1IP6c>

<https://www.youtube.com/watch?v=q-KAa4Dd-Ts>

Text:

- BoW

https://en.wikipedia.org/wiki/Bag-of-words_model

<https://machinelearningmastery.com/gentle-introduction-bag-words-model/>

<https://www.youtube.com/watch?v=OGK9SHt8SWg>

- Word2Vec

<https://en.wikipedia.org/wiki/Word2vec>

Speech:

- MFCC

https://en.wikipedia.org/wiki/Mel-frequency_cepstrum

<http://practicalcryptography.com/miscellaneous/machine-learning/guide-mel-frequency-cepstral-coefficients-mfcc/>

<http://recognize-speech.com/feature-extraction/mfcc>

- DNN

https://en.wikipedia.org/wiki/Deep_learning

<https://deeplearning4j.org/neuralnet-overview>

http://mi.eng.cam.ac.uk/~kmk/presentations/TutorialIC_Sep2015_part1_Knill.pdf