



MFCCs and CNNs

While optional, we encourage you to take a look at the following articles to learn more about the topics covered in this lesson:

Video that explains the Fourier Transform: <https://www.youtube.com/watch?v=spUNpyF58BY>

[The Nyquist-Shannon Theorem: Understanding Sampled Systems](#)

[Sampling Theorem and Frequency Spectrum Aliasing](#)

[Mel Frequency Cepstral Coefficient \(MFCC\) tutorial](#)

[Speech Processing for Machine Learning: Filter banks, Mel-Frequency Cepstral Coefficients \(MFCCs\) and What's In-Between](#)

[A Comprehensive Guide to Convolutional Neural Networks — the ELI5 way](#)

[Convolutional Neural Networks \(CNN\): Step 1\(b\) - ReLU Layer](#)

[1D Convolutional Neural Networks and Applications – A Survey](#)

[A Gentle Introduction to Dropout for Regularizing Deep Neural Networks](#)

[How to Configure the Learning Rate When Training Deep Learning Neural Networks](#)

Mark as completed

