



# Introduction to Video Classification



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Many Deep Learning articles and tutorials primarily focus on three data domains: images, speech, and text. These data domains are popular for their applications in image classification, speech recognition, and text sentiment classification. Another very interesting data modality is video. From a dimensionality and size perspective, videos are one of the most interesting data types alongside datasets such as social networks or genetic codes. Video uploading platforms such as YouTube are collecting enormous datasets, empowering Deep Learning research.

A video is really just a stack of images. This article will review a paper [1] on video classification research led Andrej Karpathy, currently the Director of AI at Tesla.

<https://static.googleusercontent.com/media/research.google.com/en//pubs/archive/42455.pdf>

This paper models videos with Convolutional Networks in a very similar way to how CNNs model images. This paper is a great

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