Ancient Egypt  
   
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Ancient Egypt was a cradle of civilization concentrated along the lower reaches of the Nile River in  
Northeast Africa. It emerged from prehistoric Egypt around 3150 BC (according to conventional  
Egyptian chronology), when Upper and Lower Egypt were amalgamated by Menes, who is believed by  
the majority of Egyptologists to have been the same person as Narmer. The history of ancient Egypt  
unfolded as a series of stable kingdoms interspersed by the "Intermediate Periods

## Wikipedia Excerpt: Deep learning

In machine learning, deep learning focuses on utilizing multilayered neural networks to perform tasks such as classification, regression, and representation learning. The field takes inspiration from biological neuroscience and is centered around stacking artificial neurons into layers and "training" them to process data. The adjective "deep" refers to the use of multiple layers (ranging from three to several hundred or thousands) in the network. Methods used can be supervised, semi-supervised or unsupervised.  
Some common deep learning network architectures include fully connected networks, deep belief networks, recurrent neural networks, convolutional neural networks, generative adversarial networks, transformers, and neural radiance fields. These architectures have been applied to fields including computer vision, speech recognition, natural language processing, machine translation, bioinformatics, drug design, medical image analysis, climate science, material inspection and board ga