Nelson Mandela  
   
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Nelson Rolihlahla Mandela (born Rolihlahla Mandela; 18 July 1918 – 5 December 2013) was a South  
African anti-apartheid activist and politician who served as the first president of South Africa from 1994  
to 1999. He was the country's first black head of state and the first elected in a fully representative  
democratic election. His government focused on dismantling the legacy of apartheid by fostering racial  
reconciliation. Ideologically an African nationalist and s

## 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