Leonardo da Vinci  
   
Leonardo da Vinci  
Leonardo di ser Piero da Vinci (15 April 1452 – 2 May 1519) was an Italian polymath of the High  
Renaissance who was active as a painter, draughtsman, engineer, scientist, theorist, sculptor, and  
architect. While his fame initially rested on his achievements as a painter, he has also become known  
for his notebooks, in which he made drawings and notes on a variety of subjects, including anatomy,  
astronomy, botany, cartography, painting, and palaeontology. Leon

## 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