Blockchain  
   
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The blockchain is a distributed ledger with growing lists of records (blocks) that are securely linked  
together via cryptographic hashes. Each block contains a cryptographic hash of the previous block, a  
timestamp, and transaction data (generally represented as a Merkle tree, where data nodes are  
represented by leaves). Since each block contains information about the previous block, they  
effectively form a chain (compare linked list data structure), with each additional b

## 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