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: Image processing

Digital image processing is the use of a digital computer to process digital images through an algorithm. As a subcategory or field of digital signal processing, digital image processing has many advantages over analog image processing. It allows a much wider range of algorithms to be applied to the input data and can avoid problems such as the build-up of noise and distortion during processing. Since images are defined over two dimensions (perhaps more), digital image processing may be modeled in the form of multidimensional systems. The generation and development of digital image processing are mainly affected by three factors: first, the development of computers; second, the development of mathematics (especially the creation and improvement of discrete mathematics theory); and third, the demand for a wide range of applications in environment, agriculture, military, industry and medical science has increased.