**Cryptography** is the practice and study of techniques for [secure communication](http://en.wikipedia.org/wiki/Secure_communication) in the presence of third parties (called [adversaries](http://en.wikipedia.org/wiki/Adversary_(cryptography))). More generally, it is about constructing and analyzing [protocols](http://en.wikipedia.org/wiki/Communications_protocol) that block adversaries, various aspects in [information security](http://en.wikipedia.org/wiki/Information_security) such as data [confidentiality](http://en.wikipedia.org/wiki/Confidentiality), [data integrity](http://en.wikipedia.org/wiki/Data_integrity), [authentication](http://en.wikipedia.org/wiki/Authentication), and [non-repudiation](http://en.wikipedia.org/wiki/Non-repudiation)are central to modern cryptography. Modern cryptography exists at the intersection of the disciplines of [mathematics](http://en.wikipedia.org/wiki/Mathematics), [computer science](http://en.wikipedia.org/wiki/Computer_science), and [electrical engineering](http://en.wikipedia.org/wiki/Electrical_engineering). Applications of cryptography include [ATM cards](http://en.wikipedia.org/wiki/Automated_teller_machine), [computer passwords](http://en.wikipedia.org/wiki/Password), and [electronic commerce](http://en.wikipedia.org/wiki/Electronic_commerce).

**Software engineering** is the study and application of [engineering](http://en.wikipedia.org/wiki/Engineering) to the [design](http://en.wikipedia.org/wiki/Software_design), [development](http://en.wikipedia.org/wiki/Software_development), and [maintenance](http://en.wikipedia.org/wiki/Software_maintenance) of [software](http://en.wikipedia.org/wiki/Software).

**Digital signal processing** (**DSP**) is any [signal processing](http://en.wikipedia.org/wiki/Signal_processing) conducted on [analog signals](http://en.wikipedia.org/wiki/Analog_signal) by digital means (as opposed to [Analog signal processing](http://en.wikipedia.org/wiki/Analog_signal_processing) where the [signal processing](http://en.wikipedia.org/wiki/Signal_processing) is carried out by an analog process). It consist in the mathematical manipulation of an information signal to modify or improve it in some way. It is characterized by the representation of discrete time, discrete frequency, or other discrete domain [signals](http://en.wikipedia.org/wiki/Signal_(electronics)) by a sequence of numbers or symbols and the processing of these signals.

**Computer graphics** are [pictures](http://en.wikipedia.org/wiki/Pictures) created using [computers](http://en.wikipedia.org/wiki/Computer) and the representation of [image](http://en.wikipedia.org/wiki/Image) data by a computer specifically with help from specialized graphic hardware and software. The interaction and understanding of computers and interpretation of data has been made easier because of computer graphics. Computer graphic development has had a significant impact on many types of media and have revolutionized [animation](http://en.wikipedia.org/wiki/Animation), [movies](http://en.wikipedia.org/wiki/Movies) and the [video game](http://en.wikipedia.org/wiki/Video_game) industry.

**Data mining** (the analysis step of the "Knowledge Discovery in Databases" process, or KDD), an interdisciplinary subfield of [computer science](http://en.wikipedia.org/wiki/Computer_science),[[2]](http://en.wikipedia.org/wiki/Data_mining#cite_note-acm-2)[[3]](http://en.wikipedia.org/wiki/Data_mining#cite_note-brittanica-3)[[4]](http://en.wikipedia.org/wiki/Data_mining#cite_note-elements-4) is the computational process of discovering patterns in large [data sets](http://en.wikipedia.org/wiki/Data_set) involving methods at the intersection of [artificial intelligence](http://en.wikipedia.org/wiki/Artificial_intelligence), [machine learning](http://en.wikipedia.org/wiki/Machine_learning), [statistics](http://en.wikipedia.org/wiki/Statistics), and [database systems](http://en.wikipedia.org/wiki/Database_system). The overall goal of the data mining process is to extract information from a data set and transform it into an understandable structure for further use. Aside from the raw analysis step, it involves database and [data management](http://en.wikipedia.org/wiki/Data_management) aspects, [data pre-processing](http://en.wikipedia.org/wiki/Data_pre-processing), [model](http://en.wikipedia.org/wiki/Statistical_model) and [inference](http://en.wikipedia.org/wiki/Statistical_inference) considerations, interestingness metrics, [complexity](http://en.wikipedia.org/wiki/Computational_complexity_theory) considerations, post-processing of discovered structures, [visualization](http://en.wikipedia.org/wiki/Data_visualization), and [online updating](http://en.wikipedia.org/wiki/Online_algorithm).

Microsoft Active Directory Domain Services are the foundation for distributed networks built on Windows 2000 Server, Windows Server 2003 and Microsoft Windows Server 2008 operating systems that use domain controllers. Active Directory Domain Services provide secure, structured, hierarchical data storage for objects in a network such as users, computers, printers, and services. Active Directory Domain Services provide support for locating and working with these objects.This guide provides an overview of Active Directory Domain Services and sample code for basic tasks, such as searching for objects and reading properties, to more advanced tasks such as service publication.Windows 2000 Server and later operating systems provide a user interface for users and administrators to work with the objects and data in Active Directory Domain Services.

Adds

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCSkp5YUVqZ0JHN1E&usp=sharing>

cg

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCTFg4b2JWMDRfTWs&usp=sharing>

crypto

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCdGt2ZzVONjFlQmc&usp=sharing>

data mining

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCNUxRTEZnRGtXbkE&usp=sharing>

DSP

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCX0pYblM2TXJCNTA&usp=sharing>

DSP Lab

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCd24yMUxDQjFhTGM&usp=sharing>

S/W Engg lab

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCQUpjUS1oa1F5SEk&usp=sharing>

S/W Engg

<https://drive.google.com/folderview?id=0B3kWVHoUFXvCM2J0ZFB4Y3I2d1E&usp=sharing>