Ultrasound  
   
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Ultrasound is sound with frequencies greater than 20 kilohertz. This frequency is the approximate  
upper audible limit of human hearing in healthy young adults. The physical principles of acoustic waves  
apply to any frequency range, including ultrasound. Ultrasonic devices operate with frequencies from  
20 kHz up to several gigahertz. Ultrasound is used in many different fields. Ultrasonic devices are used  
to detect objects and measure distances. Ultrasound imaging or sonog

## Wikipedia Excerpt: Data science

Data science is an interdisciplinary academic field that uses statistics, scientific computing, scientific methods, processing, scientific visualization, algorithms and systems to extract or extrapolate knowledge from potentially noisy, structured, or unstructured data.   
Data science also integrates domain knowledge from the underlying application domain (e.g., natural sciences, information technology, and medicine). Data science is multifaceted and can be described as a science, a research paradigm, a research method, a discipline, a workflow, and a profession.  
Data science is "a concept to unify statistics, data analysis, informatics, and their related methods" to "understand and analyze actual phenomena" with data. It uses techniques and theories drawn from many fields within the context of mathematics, statistics, computer science, information science, and domain knowledge. However, data science is different from computer science and information science. Turing Award winner Jim Gra