

Information technology

Information technology (IT) is the use of computers to create, process, store, retrieve, and exchange all kinds of electronic data and information. IT is typically used within the context of business operations as opposed to personal or entertainment technologies. IT forms part of information and communications technology (ICT).

What is the difference between computer and Information Technology?

- Computer science and information technology (IT) are two distinct subjects, despite their many similarities. Generally, computer science refers to designing and building computers and computer programs. Information technology, on the other hand, refers to maintaining and troubleshooting those computers and their networks, systems, and databases ...

[Computer Information Technology : Combination of several branches](#)

May 14, 2019 · Computer information technology is a process of studying the use of computer and its application such as computer network, programming, computer languages and database.

<u>Computer Support Specialists</u>	Computer support specialists maintain computer networks and provide technical help to computer users.	\$57,910
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<u>Computer Systems Analysts</u>	Computer systems analysts study an organization's current computer systems and design ways to improve efficiency.	Bachelor's degree	\$99,270
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<u>Database Administrators and Architects</u>	Database administrators and architects create or organize systems to store and secure data.	Bachelor's degree	The annual wage is not available.
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<u>Information Security Analysts</u>	Information security analysts plan and carry out security measures to protect an organization's computer networks and systems.	Bachelor's degree \$102,600	\$102,600
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<u>Software Developers, Quality Assurance Analysts, and Testers</u>	Software developers design computer applications or programs. Software quality assurance analysts and testers identify problems with applications or programs and report defects.	Bachelor's degree	The annual wage is not available.
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<u>Web Developers and Digital Designers</u>	Web developers create and maintain websites. Digital designers develop, create, and test website or interface layout, functions, and navigation for usability.	Bachelor's degree	The annual wage is not available.
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Operations Research Analysts

Operations research analysts use mathematics and logic to help solve complex issues.

Quick Facts: Operations Research Analysts	
<u>2021 Median Pay</u>	\$82,360 per year \$39.59 per hour
<u>Typical Entry-Level Education</u>	Bachelor's degree
<u>Work Experience in a Related Occupation</u>	None
<u>On-the-job Training</u>	None
<u>Number of Jobs, 2020</u>	104,100
<u>Job Outlook, 2020-30</u>	25% (Much faster than average)
<u>Employment Change, 2020-30</u>	25,600

Market Research Analysts

Market research analysts study market conditions to examine potential sales of a product or service.

Quick Facts: Market Research Analysts	
<u>2021 Median Pay</u>	\$63,920 per year \$30.73 per hour
<u>Typical Entry-Level Education</u>	Bachelor's degree
<u>Work Experience in a Related Occupation</u>	None
<u>On-the-job Training</u>	None
<u>Number of Jobs, 2020</u>	740,900
<u>Job Outlook, 2020-30</u>	22% (Much faster than average)
<u>Employment Change, 2020-30</u>	163,600

Management Analysts

Management analysts recommend ways to improve an organization's efficiency.

Quick Facts: Management Analysts	
<u>2021 Median Pay</u>	\$93,000 per year \$44.71 per hour
<u>Typical Entry-Level Education</u>	Bachelor's degree
<u>Work Experience in a Related Occupation</u>	Less than 5 years
<u>On-the-job Training</u>	None
<u>Number of Jobs, 2020</u>	907,600
<u>Job Outlook, 2020-30</u>	14% (Faster than average)
<u>Employment Change, 2020-30</u>	124,400

Information Security Analysts

Information security analysts plan and carry out security measures to protect an organization's computer networks and systems.

Quick Facts: Information Security Analysts	
<u>2021 Median Pay</u>	\$102,600 per year \$49.33 per hour
<u>Typical Entry-Level Education</u>	Bachelor's degree
<u>Work Experience in a Related Occupation</u>	Less than 5 years
<u>On-the-job Training</u>	None
<u>Number of Jobs, 2020</u>	141,200
<u>Job Outlook, 2020-30</u>	33% (Much faster than average)
<u>Employment Change, 2020-30</u>	47,100