Social Media?

According to <u>Merriam-Webster</u>, Social Media are

> **:** forms of electronic communication (such as websites for social networking and microblogging) through which users create online communities to share information, ideas, personal messages, and other content (such as pictures and videos)

But what does this actually mean?

Social media are <u>websites</u> or <u>apps</u> (or both) that allow you to share things with other people. On some sites you can post anonymously and can have as many accounts as you want (Twitter, Tumblr). Other sites limit you to a single personal account and you may have to prove your identity (Facebook, LinkedIn). Some types of social media are for sharing things with one or a few friends (WhatsApp) while others are for broadcasting to the world (Reddit, Pinterest)

Social Media by Type

Primarily Phone	Instagram, Signal, Snapchat, Telegram, TikTok, Untappd, WhatsApp
Primarily text	Bluesky, Mastadon, Twitter/X
Photos / Videos	Flickr, Instagram, Snapchat, Pinterest, Threads, TikTok, Twitch
More private	WhatsApp, Snapchat, Signal, Telegram
Public	BlueSky, Reddit, Tumblr, Mastadon, Pinterest, Threads, Tik-Tok, Twitter/X, YouTube
Real Identity	Facebook, LinkedIn, Nextdoor, Signal, WhatsApp
Anonymous	Bluesky, Discord, Instagram, Mastadon, Pinterest, Reddit, Threads, TikTok, Twitter, Tumblr, YouTube
Family & Friends	Facebook, Signal, Skype, Snapchat, Telegram, WhatsApp
Strangers	Discord, Instagram, Reddit, TikTok, Twitch, Twitter, Tumblr, Pinterest, YouTube

What Social Media Apps Should I Use?

The answer to this is "what do you want to do?"

Do you want to keep up with friends and family? Learn about new books being published? Keep on top of political events? Find and organize future projects?

How you want to use social media is the main determinant of what social media you'll want to try. It's totally normal to try an app only to find it doesn't work for you and drop it. Or to use it, forget about it for months, and then suddenly have a need for it (That's me with Pinterst).

The following grid might be useful in helping you determine what platforms you might find most useful.

Social Media Uses

	Keep in Touch	Make Friends	Research / Learn	News	Entertain Me	Argue	Network	Images / Videos	Share Ideas	Inspiration	Organize / Track
Bluesky			Bluesky	Bluesky	Bluesky	Bluesky					
Discord		Discord		Discord	Discord	Discord					
Facebook	FB	FB			FB		FB	FB	FB		
Flickr	Flickr				Flickr		Flickr	Flickr		Flickr	Flickr
Goodreads	Goodreads		Goodreads	Goodreads	Goodreads		Goodreads			Goodreads	Goodreads
Instagram	Insta				Insta			Insta		Insta	
LinkedIn	LinkedIn		LinkedIn	LinkedIn			LinkedIn		LinkedIn		
Pinterest			Pinterest		Pinterest				Pinterest	Pinterest	Pinterest
Ravelry		Ravelry	Ravelry				Ravelry	Ravelry	Ravelry	Ravelry	
Reddit		Reddit	Reddit	Reddit	Reddit	Reddit		Reddit	Reddit		
Signal	Signal			Signal				Signal			
Snapchat	Snap				Snap			Snap			
Threads	Threads				Threads	Threads		Threads			
TikTok			TikTok	TikTok	TikTok			TikTok	TikTok	TikTok	
Tumblr			Tumblr		Tumblr	Tumblr		Tumblr	Tumblr		
Twitter / X				X	X	X					
Untappd		Untappd	Untappd							Untappd	
WhatsApp	WhatsApp							WhatsApp			
YouTube			YouTube	YouTube	YouTube	YouTube		YouTube	YouTube		

Social Media Conglomerations

It important to know what companies are tied together, so you are aware of where data might regularly be shared.

For the past decade, big tech companies have been attempting to snatch up social media platforms, either in an attempt to make money or to consolidate their user data and databases (and make money). Pay attention to who owns who, because that is where your user data is going.

Owner	Subsidiary
Amazon	Audible, Goodreads, IMDB, PillPack, Ring, Twitch, Whole Foods, Zappos
Meta	Facebook, Giphy, Instagram, Messenger, Occulus, Threads, WhatsApp
Alphabet	Android, CrowdStrike, DoubleClick, FitBit, Google, Nest, Waze, Uber, YouTube
Microsoft	Activision Blizzard, Bing, GitHub, LinkedIn, Minecraft, MSN, Nokia, Skype, XBox
Independent	Bluesky, Pinterest, Reddit, Signal, Snapchat, Telegram, Twitter/X

Pay attention not just to what companies are connected, but also to how companies make their money. Goodreads makes money through advertising links and ads paid by authors, which is reasonable. Facebook makes much of its money by selling targeted ads and sharing your data, which is (IMO) less reasonable.

> Follow the money.
> -- William Goldman,
> *All the President's Men*

Information Security and Social Media

With any social media platform, your information security should always be a top consideration. Keep in mind that your email address is a unique identifier, so all sites for which you use the same email address have the *ability* collaborate and tie together your data. This is not to say they do this, just that they have that capability.

Cookies and other browsing data can sometimes be shared between sites, and such data can reveal far more information than you might expect. For example, Target can predict whether a woman is pregnant based upon her purchase of unscented lotion, vitamins, and cotton balls. You are giving away far more information than you think when you browse the web, and when that data can be tied to a social media account, the company has *even more* data.

Ways to protect your privacy:
- Use different email addresses on different sites
- Check your privacy settings
- Limit use of social media apps on your phone (use a web browser if possible)
- Use multiple web browsers
- Use privacy add-ons for your web browsers

Some Popular Social Media Sites

Bluesky

Bluesky was created after Elon Musk imploded Twitter. It is a microblogging platform for real-time discussions and often breaking news. It is decentralized, like Mastadon, but without the hurdles to set up and use.

Bluesky is independently owned and run.

Discord

Discord is a VoIP, instant messaging and digital distribution platform designed for creating communities. Users communicate with voice calls, video calls, text messaging, media and files in private chats or as part of communities called "servers".

You can create your own discord group, or find an existing group for a subject you're interested in, from gaming to art. For example, there is a discord server for Star Trek: Deep Space Nine, where you can discuss all things related to that TV show.

Discord is not a subsidiary of another company and makes money from subscription packages, server boosts, and fees for game sales.

Facebook

Facebook is a social media and networking website open to anyone over the age of 13. Facebook does not allow individuals to have more than one personal account, and if requested, you must prove your identity.

My rule for Facebook is to be kind. You rarely go wrong with being kind.

Facebook is owned by Meta, which owns Instagram and WhatsApp. Facebook makes money through targeted advertising.

Flickr

Flickr is a photo hosting and sharing service. The strength of Flickr is that you can place a Creative Commons license on all your pictures to keep companies from using them without notice or compensation. This keeps someone from stealing your picture and/or making money off of it. Flickr allows you to maintain all rights to your images. Other social media services may maintain the right to use the pictures you have posted.

You can use Flickr in two ways—you can post your pictures to Flickr for others to see, and/or you can follow groups or individuals to see what they have posted. Two of the groups I follow (and occasionally add to) are "Graves, Tombs And Cemeteries" and "Rural Decay".

Flickr is owned by SmugMug. Flickr has a free service and a subscription service and makes money though ads, its subscription service, and links to photo printing services.

Instagram

Instagram is a photo and video sharing social media platform. Originally only for iOS, it expanded to other cell platforms and a website. If you are a photographer, be aware of what rights Instagram gets to those images as well as the application of Fair Use law.

To use Instagram, you follow people who post interesting to you pictures, which then appear in your feed. You can post your own pictures from the Instagram app. Some of the people I follow are upsdogs and atlasobscura and humansofny.

Instagram is owned by Meta, which also owns Facebook, and makes money through advertisements.

LinkedIn

LinkedIn is a business and employment-oriented social media platform primarily used for professional networking (including job posting and job hunting).

LinkedIn does not allow anonymous accounts and wants information such as education and work history (as would be useful for job hunting and networking). You may get LinkedIn requests from former students, employees, or co-workers. LinkedIn is where to go if you are still working and need to network for business, or if you are looking to work with or hire someone, because it allows you to learn more about the person—especially if you know people in common. On LinkedIn you can hide a specific post, unfollow a user, or report an offensive post.

LinkedIn is owned by Microsoft and makes money through advertising, recruitment services and membership privileges.

Mastadon

Mastadon is an independent, open-source, decentralized microblogging platform. Anyone can set up their own instance of Mastadon, which is both a strength, since no one controls it and anyone can create their own instance, and a weakness, because it is extremely confusing for new users, and often difficult to find users and subjects you are interested in.

Mastadon is independent, open-source, and decentralized.

Nextdoor

Nextdoor is a hyperlocal social networking service for neighborhoods. It's a new take on listserv, where you can ask and read about local subjects from lost pets to home repair needs to local construction alerts. You are only allowed to join with a real name and real address, and without an invite, you may need to create your own "neighborhood" if someone has not already.

Nextdoor is not a subsidiary of another company and makes money through sponsored content and partnerships.

Pinterest

Pinterest is a social media site for curating, organizing, and discovering webpages and pictures.

To use Pinterest, you create "boards" (think virtual corkboards) and "pin" pictures to them. Your feed displays items that might belong on those boards, and you can then reference these saved items later (such as sewing patterns or wood projects). Some of my boards are "Geek Stuff" and "Decay" and "Vintage Clothing."

Pinterest is not a subsidiary of any other company and makes money through promoted pins (ads).

Reddit

Reddit is a news aggregator and discussion website. Members post content (text, images, links) which are then voted up or down by other members.
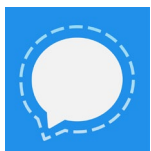
Reddit has communities, which are semi-independent within Reddit, each with their own moderators and rules. Find communities that are interesting to you, ("r/oddlysatisfying" & "r/whatisthisthing"), join those communities, and their content appears in your feed (front page).

You can find absolutely anything on Reddit, which is a feature and a bug (there are things you can't un-see). Pay attention to NSFW (Not Safe for Work). Reddit is a huge time sink—you can spend hours and hours and not realize it. You can hide posts you don't want to see, and you report posts that are against the policies of the subreddit. Check the policies of a subreddit *before* you join it.

Reddit is owned by Advance Publications (the group that owns Conde Nast). Reddit makes money by selling ads, however, its ads are clearly marked and "annoying" ads are banned (YMMV on "annoying").

Signal

Signal is an open source messaging app that allows for encrypted voice calls, as well as SMS/MMS messaging.

Signal works over data, and so can be used to make international calls without incurring extra charges.

Signal is a non-profit, open-source project supported by grants and donations.

Snapchat

Snapchat is a multi-media messaging app that tends to focus on pictures and virtual stickers.

You must log into snapchat, and you will need to know your friends' identities. Once you have found people, you send them brief text messages and pictures, which disappear after a minute. Snapchat is good for being silly and playing with kids. In Snapchat, you may want to limit who can contact you to friends. This is done under Settings, in the Who Can… section.

Snapchat is not a subsidiary of any other company and makes money by selling ads.

Telegram

Telegram is a freeware, cross-platform, cloud-based instant messaging software. The service also provides end-to-end encrypted video calling, VoIP, file sharing and several other features. You need a cell phone to use the app, but once you are logged in, you can communicate with anyone around the world who has the app

Telegram is not a subsidiary of any other company. Telegram does NOT generate revenue but is privately funded by its founder, Pavel Durov.

Threads

Threads was created by Meta to be a competitor to Twitter. You can post text, images, and short videos and have real-time conversations with other users.

Threads us owned by Meta, which is the parent company of Facebook.

TikTok

TikTok is a service for sharing short videos.

Is TikTok safe? TikTok is not malware, however, like Google and Facebook, it collects and shares your personal information with companies. In this case Chinese companies that may or may not have links to the Chinese government.

TikTok is owned by ByteDance, a Beijing company that makes money through ads, in-app purchase of coins, and by advertiser sponsorships.

Twitch

Twitch is a streaming platform for gamers and video artists. Twitch has moderators and rules, but does not have filters or age gates, which means some of its content may not be appropriate for younger teens and tweens.

Twitch is owned by Amazon and makes money from advertisements and subscriptions.
promoted products, including promoted tweets, promoted accounts and promoted trends.

Tumblr

Tumblr is a microblogging and social media platform that allows for the posting of multimedia and short form content.

To use Tumblr, find blogs you think are interesting and follow them, such as "rejectedprincesses" and "fakescience". Those posts then appear in your feed.

Tumblr is owned by Verizon and makes money through sponsored posts, sponsored apps, theme sales, and news feed licensing.

WhatsApp

WhatsApp is a messaging and VOIP (Voice-Over IP) service that allows you to send text messages and make phone calls to anyone who is also on the app (that allows individuals in different countries to communicate without incurring international charges).

You need to have cellular service to use WhattsApp, but once you are logged in, you can communicate with anyone around the world who has the app. Once you are logged into the app, you can then use WhatsApp on a desktop computer.

WhatsApp is owned by Meta, which also owns Facebook and Instagram. Whatsapp makes money sharing user data with Meta, including: home number, display picture, and frequency of use.

YouTube

YouTube is a video-sharing website. You can watch videos on anything from how to make a specific food product to tear down and rebuilds of antique toys.

The first rule of YouTube is **NEVER READ THE COMMENTS**.

For happier content Big Cat Rescue (https://www.youtube.com/bigcatrescue) or the Elephant Sanctuary (https://www.youtube.com/user/elephantsanctuarytn).

YouTube is a subsidiary of Alphabet and makes money through advertising.

More Social Media Apps:
Goodreads: A social cataloging website for books and readers, owned by Amazon.
Litsy: Social media to discover and share books.
Ravelry: Social media for knitters and crocheters, not a subsidiary of other company.
Threads: Social media site launched by Meta to compete with TikTok
Untappd: Social media for craft (and other) beers, and is not a subsidiary of another company.
X: Formerly Twitter, a microblogging and News site. Owned by Elon Musk

Texting Apps that Work over WiFi
Signal: https://signal.org (non-profit)
Snapchat: https://www.snapchat.com
Skype: https://www.skype.com (owned by Microsoft)
Telegram: https://telegram.org
Viber: https://www.viber.com (owned by Rakuten)
Whatsapp: https://www.whatsapp.com (owned by Meta)

Apps You Might Hear about But Probably Won't Use
Foursquare: Search and discovery mobile app that provides recommendations of places near you.
Quora: Question & Answer site
Slack: A proprietary business communication platform
Viber: Multi-lingual instant messaging platform
Vimeo: Video sharing platform
WeChat: Chinese instant messaging platform

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Study: Social media use linked to decline in mental health (MIT Sloan, 2022)
Experimental evidence of massive-scale emotional contagion through social networks (PNAS 2014)

Technology Glossary

5G
The fifth generation technology standard for cellular networks. It can support up to 10,000 devices per cell and have download rates up to 10 gigabits per second

Add-on
An accessory piece of software designed to increase the capability of the software to which it is appended.

Address Bar
In a web browser or windows explorer, it is a rectangle, usually towards the top of the window, that shows you the current location or address of your web page or file.

Address Book
See Contacts

Adobe Digital Editions (ADE)
Adobe proprietary format for eBooks.

Alexa
Amazon's virtual assistant.

Algorithm
A set-of rules to be followed in calculations or problem-solving operations. Algorithms are frequently used to manipulate data sets.

Android
Googles mobile operating system, built on open source software.

Anti-Virus
A program that protects you from malicious software. Most anti-virus programs have options for purchasing additional security measures such as firewalls, email scanning, etc.

App
Short for Application.

Apple ID
This is the username and password that you create with Apple to link a specific device to your Apple account. If you have an iPad and an iPhone, you use the same Apple ID with both of those devices.

Apple
Technology company that designs and develops hardware and software.

Application
An application is a piece of software that lets your device do something, like play music or give directions. An application is the same thing is a program.

ARPANET
Advanced Research Projects Agency NETwork. The first true internet, it connected military installations, a handful of universities, and some third-party contractors together.

Autocorrect
Auto correct is when your phone automatically changes what you were typing to what *it thought* you wanted to type.

Autoplay
When you visit a website and music or video starts playing without asking.

AVI
Audio Video Interleave. A multimedia format for audio and video files.

AZW / AZW3
Amazon proprietary eBook format.

Backbone
Long-distance networks that carry data between data centers and consumers
Backup
A copy of computer data that is taken and stored somewhere else, to be used in the event of data loss.
Bandwidth
The amount of data that can be transmitted at one time. It is measured in bits per second
BCC
Blind carbon copy. Covertly send a copy of the message to a third party. The primary recipient cannot see the person was added.
Biometric
Unique physical characteristics that are be used for recognition. The most common types of biometric identifiers are fingerprints, voice, face, iris, and palm/finger veins.
Blockchain
Also Block Chain. A list of records (blocks) linked using cryptography. These records are a cryptographic hash of the previous block, a timestamp, and transaction data. Blockchains are generally used on a peer-to-peer network. Data in one block cannot be altered without changing all other blocks.
Bluetooth
A wireless technology that allows data to be shared over short distances using short-wave UHF radio signal. The name comes from Harald "Bluetooth" Gormsson, king of Denmark and Norway, who united the Scandinavians.
Boolean
A system of logical propositions. Common Boolean operators: AND, OR, NOT, " ", ( ) . Based on the work of George Boole.
Broadband
A fast, reliable, always-on connection to the internet.
Browser Add-on
See Browser Extension.
Browser Extension
A small software module that is used to customize a web browser.
Browser Hijack
Where a malicious piece of software modifies a web browser's settings without your permission.
Browser
Short for Web Browser.
Brute Force Attack
Where a hacker tries many passwords for passphrases in an attempt to break into an account. The longer the password (or passphrase) the harder it is for someone to succeed with this type of attack.
Byte
A unit of digital information that consists of eight bits. A byte is the number of bits used to encode a single character of text.
Cache
Temporary storage space that allows your computer to quickly bring up information, such as previously viewed web pages.
Cambridge Analytica
A British political consulting firm that used misappropriated digital assets, data mining, and other processes to influence political elections around the world.

Causation
Relation that holds between two temporally simultaneous or successive events when the first event (the cause) brings about the other (the effect). **NOT** the same as correlation.

CC
Carbon copy. Send a copy of the message to someone else. The primary recipient can see this person received the message.

Cellular Data
The connection a cell phone makes to a cell tower that allows you to do things like surf the internet, download emails, and send MMS messages.

Cloud
Storage that is physically somewhere other than where you are. Cloud storage is generally accessible from multiple devices, because those files are stored on a hard drive that belongs to a company that hosts the cloud service. Cloud storage is like a self-storage unit for your electronic files, except you can access your stuff from anywhere.

Cloud Service
A service provided by a third party or company that allows you to provide access to files and applications remotely.

Codec
A device or program that encodes/decodes a data stream, such as an audio file, for storage.

Contacts / Contact List
A collection of screen names and the various data associated with them, such as email addresses and telephone numbers.

Cookie
A piece of data that a website saves on your computer. Cookies were designed to save user information such as preferences or logins but can sometimes be read by third parties. Cookies are also used to collect browsing data long-term.

Correlation
A mutual relationship or connection between two or more things. See also Causation.

Cortana
Microsoft's virtual assistant.

CPU
Central Processing Unit. The bit of a computer or electronic device that processes information.

Cryptocurrency
A digital asset that uses strong cryptography and is designed to work as a form of money. They used decentralized control, or a public financial database to keep track of who owns what.

Cryptography
Greek for "hidden writing", it is the study of secure communication—creating protocols to keep third parties from reading private messages.

Data Breach
The release of secure or private information. A data breach can be accidental or malicious, such as when an individual hacks into a system to steal information.

Database
An organized collection of information. Complicated databases link information between multiple tables allowing for analysis of the contained information. An address book is a basic database.

Data Center
Room(s) full of servers that store user data and host online apps and content.

Denial of Service Attack (DOS)
A cyber-attack where the malefactor seeks to make a network resource (such as a website) unavailable by flooding the target with requests or visits.

Dial-up
An early way to connect a home computer to the internet. A phone line was used to connect a personal computer to the Internet Service Provider.

Directory
A system that catalogs / organizes computer files.

Displayport
A high-quality audio-visual cable capable of transmitting HD and 4k.

DMCA
Digital Millennium Copyright Act. The 1998 United States copyright law that criminalizes production and dissemination of technology, devices, or services that circumvent measures to control access to copyrighted works (DRM).

DNS
Domain Name System. The phonebook of the Internet.

DNS Hijacking
Where a malefactor redirects visitors from a valid website to a different destination—often one that exists to steal data.

Domain Name
The string of text that identifies a place on the Web. A basic domain name is a word or abbreviation followed by a period followed by the domain extension: wvu.edu

Domain
The sometimes arbitrary grouping that designates what a website does or where it is based. The most common domains are .com .net .edu and .org. The domain is what you should check first when you want to verify the authenticity of a website.

Download
To move data and files from the internet or a server to your computer or mobile device.

DRM
Digital Rights Management. A format that protects electronic media from being illegally copied.

DVD
Digital Video Disc / Digital Versatile Disc. A digital optical disc data storage system.

DSL
Digital Subscriber Line. A fixed connection to the internet that runs through copper phone lines.

DSLR
Digital Single-Lens Reflex

DVI
Digital Video Interface. A video display interface that connects your computer to your monitor.

eBook
An electronic file formatted (for the most part) to be read on a small handheld device, or on a computer screen in an eReader program / app.

eInk
A brand of electronic paper (e-paper) display technology from the E Ink Corporation (1997)

Email Header
The portion of an email message that contains the routing information. The header can be used to help determine if a message is fraudulent.

Email
Email is an electronic letter sent from one email address to another email address. Email addresses always have an @ (at sign) in them. Sending an email on your phone requires the use of cellular data. Each email address is unique, and email addresses are often used as unique identifiers or login credentials by databases.

Emoji
Small images used to represent emotions, ideas, or expressions. 🙂

Emoticons
Representations of facial expressions using keyboard characters. These are used to portray moods or feelings. For example, a smiling face could be **:)** or ☺

Encryption
The encoding of data so that only authorized persons or devices can read/view the information. The stronger the encryption, the more unlikely it is that a malfeasant could decode the intercepted data through a brute force attack.

EPUB
Electronic Publication. A digital book format that allows you to read your eBook on any electronic device. EPUB files are reflowable.

eReader
eBook reader that use black and white eInk screens that give a similar reading experience to physical books.

Ethernet
Wired networking technology that allows multiple computers to talk to one another via a protocol (set of rules). Ethernet is used when speed, stability, and security are needed.

EULA
End-User License Agreement. The legal contract between a software vendor and the user of that software. It specifies the rights and restrictions which apply to the use of the software.

External Storage
Devices that store data outside of a computer or other electronic device. They are often removable, such as USB thumb drives.

Facebook
An online media and networking company.

Facial Recognition
Technology capable of identifying or verifying a person from a digital image. Facial recognition can be used to unlock an electronic device.

Fiber Optics
A flexible glass or plastic fiber that can transmit light signals with very little loss of strength

File Extension
Also called a filename extension or file type, is the identifier suffix for a computer file name, and tells you the kind of program needed to open the file. By default, these extensions are hidden, but can still be used in search. If you change a file extension, that file will most often break.

Firewall
A security system that monitors incoming and outgoing network traffic to prevent unauthorized access to a system.

Fixed-layout
Content remains locked in a specific place, when the document is enlarged you often have to scroll around to read the entire thing. A pdf is a fixed-layout document

Folder
See Directory.

Follow
Choose to see another user's posts in their content feed.

Force Stop
A way to completely stop an app that is running in the background. An app that has been closed may still have bits active and collecting data.

GB
Gigabyte. A computer memory unit equal to 1000 megabytes. The prefix giga means 10^9.
GIF
Graphics Interchange Format. An image format that is often used in logos and animated pictures.
Google
A technology company that specializes in services and products related to the internet.
GPS
Global Positioning System is a piece of hardware that allows a device to contact a satellite to determine the location of the device in latitude and longitude. On most devices, software makes these data points usable to the end user by placing them on a map.
GUI
Graphical User Interface (pronounced gooey). The windows, icons, menus, and pictures that allow you to interact with your computer using your mouse. Windows 10 and Mac OS (Big Sur) are operating system GUIs.
Hard Drive
A data storage devices that stores and retrieves digital data. In your computer, this is where all your programs are installed and files saved.
Hardware
The electronic components of a device; the bits you can touch. A cell phone, a keyboard, and a CPU are all hardware.
HD
High Definition. Generally a higher resolution and quality than standard definition video.
HDMI
High-Definition Multimedia Interface. Audio/video interface for transmitting uncompressed data. Cable that connects your computer to your monitor, or your DVD player to your TV.
HDR
High Dynamic Range. A photographic process where a camera takes multiple pictures at different exposures and combines them into a single image—this allows all areas of your image to be well-exposed, but can also look unreal if used too much.
Heat Map
A heat map is a visual representation of data that allows you to see phenomenon as clusters or over space.
Home Screen
The main screen of a computer or mobile device. Home screens are typically personalized by the user so that no two home screens will look alike.
Hotspot
A type of Wireless Access Point. A device that allows you access the internet from a public place. Hotspots are generally open and unsecured and you should assume any data you submit is visible to people with ill-intent.
Hover text
When you hold your cursor over a hyperlink, the document should display the URL for that link. This allows you to verify links.
http
Hypertext Transfer Protocol is how data is moved between a website and an end user.
https
Hypertext Transfer Protocol (Secure) is an encrypted form of http. This protects against interference or snooping by third parties.
iCloud
Apple's cloud service.

Icon
A graphic representation of a program, file or function.
Information Security
The protection of data and the mitigation of risks, generally on computer networks.
Install
A process that writes the code used to run the program (application) onto the hard drive of your device. Installing a piece of software embeds it into the device and allows it to work.
Internet
A system of inter-connected computer networks.
iOS
Apple's mobile operating system.
iPad
Apple's tablet computer, running iOS.
iPhone
Apple's cellular phone, running iOS.
iPod
Apple's music player. The iPod is general similar to an iPhone, only without cellular service.
ISBN
International Standard Book Number. A numeric commercial book identifier that is unique for every edition and variation of a book.
ISP
Internet Service Provider. Company you pay so you can have internet at home.
iTunes
Apple's music service.
JPG / JPEG
Joint Photographic Experts Group. A lossy compression format for digital images.
Keylogger
Keystroke logger (also keyboard capture). A piece of hardware or a software program that can record every key struck on the keyboard.
LAN
Local Area Network. A group of computers / devices that share a common communications line.
Last Mile
The service from your local provider to your home.
Latency
The time delay between the sending and receiving computer.
Location Bar
See address bar.
Location Services
Information from GPS, wireless access points, cell towers, and Bluetooth devices that helps your phone know where you are.
Lock Screen
The opening screen or interface of an operating system. A lock screen keeps unauthorized users from accessing the data and information on a device.
Lossless Compression
A form of data encoding that maintains the original quality of the file but at the cost of having a large file size.
Lossy Compression
A form of data encoding used to reduce file size at the cost of data quality.

LTE
Long-Term Evolution, A technology for mobile wireless broadband communication.
Malware
Software is specifically designed to disrupt, damage, or gain unauthorized access to a computer system.
Mbps
Megabits Per Second. The speed of your internet service.
Messenger
An app that allows users to send text messages and images to other users in a system.
Metadata
A data set that give you information about other data. A card catalog contains metadata.
Micro-SD
Micro-Secure Digital Card. Smaller size SD card, used in phones and lightweight devices. Comes with an adapter that allows for the transfer for files from a portable device to a computer.
MMS
Multimedia Messaging Service is a kind of text messaging that allows you to send text messages that contain pictures or audio, as well as messages longer than 160 characters or to multiple people.
MOBI
Mobipocket. The proprietary ebook format for the Amazon Kindle. MOBI files are reflowable.
Mobile Carrier
A wireless service provider that allows users to connect portable devices (such as phones) to the internet through a cellular service.
Mobile Data
Wireless internet access through a cellular data connection.
Modem
Modulator-demodulator. A device that converts data from a digital format to a format for analog transmission.
MP3
Moving Pictures Experts Group Layer-3. A coding format for digital audio.
MP4 / MPEG4
Moving Pictures Experts Group Layer-4. A coding format for digital multi-media, commonly video.
MPEG
Motion Picture Experts Group. A standard for encoding and compressing video.
NDA
Non-Disclosure Agreement. A legally binding contract where parties agree not to share sensitive or confidential information.
Network
A group of computers connected for the purpose of sharing resources. A network can be as small as two computers or as vast as the Internet.
News Feed
The main page of Facebook, where you see content posted by users you have chosen to follow. These content can be text or images.
Notification
A message displayed by an electronic device to provide an alert, reminder, or other communication.
Online Chat
Real time communication over the internet through (generally short) text messages.

OS
Operating System. The base upon which software and apps are added. An Apple device generally uses iOS (iPhones) or macOS (laptop computers). PCs typically used the Windows OS, but there are other operating systems, such as Linux that can be installed. Non-Apple cell phones frequently use some form of the Android OS. How your device looks and works is dependent upon the operating system installed.

P2P
Peer-to-Peer

Passcode
This is the secret code to get into a specific device. If you have an iPhone and an iPad, they can have different passcodes. You can sometimes use a fingerprint instead of a passcode to get into a device.

Password Manager
A program that stores electronic passwords.

Password
The secret code to access a restricted resources. Passwords are usually required to use a minimum of eight characters, and contain special characters, such as numbers or upper case letters.

PayPal
A method of online money transfer and payments.

PDF
Portable Document Format. Once an Adobe proprietary format, now one of the most common formats for sharing digital documents.

Peer-to-Peer
A distributed that shares tasks or work between devices of the same level.

Phishing
A fraudulent attempt to gain personal or sensitive information, by sending an email or creating a website that pretends to be from a real company or person, but is not.

Phreaking
An attack on the telephone system

Play Store
Goggle's app store, where users can download or purchase programs to run on their Android devices.

PNG
Portable Network Graphics. A lossless compression type for digital images.

Podcast
A digital audio file made available on the Internet for downloading to a computer or mobile device, typically available as a series, new installments of which can be received by subscribers automatically.

Post
A message, comment, image, or other item that is placed on the internet, generally on a website.

Predictive Text
An input technology that guesses what you want to type both from what you are currently typing and, if you have allowed the software to learn, from what you have typed in the past. Predictive text makes typing faster and easier if you have good software on the back end.

Privacy
The information that is shared between your device and the external resources to which it is connected, as well as how that information is used, and with whom that information is shared.

Program
A program is a piece of software that lets your device do something like send a text message or video chat. A program is the same thing as an application.

Public Network
An electronic connection where the traffic between devices is visible to anyone.
Reflowable
An ebook format that layout depending upon the output device. MOBI and EPUB are reflowable formats, which means the number of words on the page change, depending upon the page / text size.
Repeater
A device that extends the range of Wi-Fi signal.
Reply All
A response to an electronic message that is returned to ALL recipients of the original message.
Reply
A response to an electronic message.
Ripping
Extracting digital content from a container, such as a CD or DVD. Ripping a CD means that the music is copied without loss from the CD to your computer.
ROT-13
One of the most basic forms of encryption; a substitution encryption where characters are rotated 13 places.
Router
A networking device that forwards data between networks.
RTFM
Read The *Fantastic* Manual.
Scraping
Web scraping, web harvesting, web data extraction is extracting data from websites—gathering up information available on a public website.
SD
Standard Definition. The lowest quality rating for digital streaming.
SD Card
Secure Digital Card. Removable memory that is used in devices like cameras, because it can be easily switched out when full. Allows for easy transfer of files from device to computer without a cable.
Search
A computer command that allows you to find specific files on your computer that meet a designated category, such as file type, or date modified.
Search Engine
A software system designed to find information on the web. The results from a search engine can be webpages, files, or images. Generally, behind the scenes a program runs an algorithm that crawls through the web cataloging everything it sees. This catalog is then organized by a different program where pages are associated with various terms.
Security
Protecting electronic systems from theft or damage. This can be protection from physical theft, but often refers to electronic damage, where systems can be disrupted or data stolen.
Server
A device (or program) that allows you to access something not on the device you are physically touching. A mail server stores your email and drops it to your device upon request. A web server allows you to connect to the internet.
Settings
An app that allows you to customize your computer, device, or program.

Siri
Apple's personal assistant.
Smart Device
An electronic device that connects to other devices or the internet through a wireless protocol such as Bluetooth or Wi-Fi.
Smart TV
A television with a network port to allow you to watch streaming services (and other internet content) without having to use an additional device.
SMS
Short Messaging Service. A brief message that is sent from one phone number to another phone number. SMS does not use cellular data.
Snooping
Unauthorized listening in to data transmission.
Snopes
One of the first internet fact-checking resources, Snopes started as a site to debunk urban legends, but expanded into general fact-checking. (https://www.snopes.com/)
Social Media
Interactive computer technologies and websites that allow for the sharing of information. Facebook is the most famous social media site, and allows friends to connect automatically, but LinkedIn is another type of social networking site, that focuses on career and job networking.
Software
The programs that run on your computer or phone. Can also be called an application.
Sort
To organize information in a prescribed sequence, such as alphabetically, or oldest to newest.
Spam
Unsolicited electronic messages (especially advertising).
Speed
Download speed is how quickly you can pull down data from the internet. Upload is how quickly you can send data out to the Internet.
Spoofing
When a person or program pretends to be someone else, by falsifying data, to gain access to your account or data.
Spyware
A piece of malicious software that secretly installs itself to gather information about the user or device.
SSD
Solid State Drive. A storage device for your computer that saves data on chips instead of a mechanical platters.
Status Bar
A graphical element, usually at the top or bottom of a device's screen, that displays information about the state of the device. Some settings commonly found on the status bar are sound/volume, time, and battery life.
Streaming Device
An object, such as Roku stick or Fire stick, you purchase that plugs into your existing TV so you watch video through the device on your existing television.
Streaming Service
An online provider of entertainment (music, movies, etc.) that delivers the content via an Internet connection to the subscriber's computer

Switch
A device that connects to a router and provides multiple ports for wired connections.
Sync
See synchronize.
Synchronize
When a file is synced, changes to that file are saved are pushed from one device to all other devices with access to that file, via a remote server.
Tag / Tagging
A keyword or term added to the metadata of a piece of information. In social media, when someone is tagged, they are alerted to a post made by another user.
Taskbar
A graphical user interface (GUI) that is typically along the bottom of your window, and usually shows you what programs are actively running as well as important information about the operating system.
TB
Terabyte. A measure of computer storage equal to 1000 gigabytes or trillion bytes. The prefix tera means 10^{12}.

TCP
Transmission Control Protocol. The main protocol used on the internet that allows computers to send and receive data.

TCP/IP
Transmission Control Protocol/Internet Protocol
Terms of Service
The rules you agree to abide by when you sign up use an online service.
Text Message
A brief message that is sent from one phone number to another phone number via a protocol called SMS. Text messages are generally limited to 160 characters, and messages with more characters than that will be broken down into multiple messages when sent. Text messages are asynchronous: a message sent to someone whose phone is off is delivered when their phone is turned back on. Text messages generally do not require cellular data but do require a cellular connection.
Thumb Drive
USB Flash Drive
Thunderbolt
Interface reconfigured to be compatible with USB-C that carries data, video (PCIe and DisplayPort), sound, and power over a single cable.
TIFF / TIF
Tag Image File Format. Lossless digital image format that was developed originally for scanners as an alternative to multiple proprietary formats.
Timeline
A display of items in chronological order. Twitter has a timeline; Facebook has a news feed.
TL;DR
Too Long, Didn't Read
TOS
Terms of Service
Trojans
A type of malicious computer virus that presents itself as a useful item, such as a document.

Two-Factor Authentication
This is a way to make both your device and your account more secure. When you log into your Apple ID on a new iPad (or iPhone) for the first time OR you log into iCloud from a computer you have never used before, Apple wants you to verify that YOU are the person attempting to access your account.

TXT
Text message.

Unfollow
To stop seeing a user's posts in your timeline or news feed. On Facebook, you can unfollow someone by still remain friends with them.

Uninstall
The removal or a software program or application from the operating system of a device. Although uninstall removes the visible aspects of a program, there are often bits and pieces of the program left behind.

Unique Identifier
A piece of data that is unique to a record. Telephone numbers and email addresses are often used as unique identifiers, because no two individuals have the same ones. Unique identifiers allow data records to be linked across databases.

Upload
To move files from your computer to a cloud service or network.

URL
Uniform Resource Locator is the address of a space on the web. Every website has a unique address, and that address can often tell you something about the web page you are visiting.

URL Bar
See address bar.

USB
Universal Serial Bus. This is the industry standard for cables that connect devices and their peripherals through a wire. This connection can be used for both communication and power. There are several types of USB connections: USB-A, USB-A 3.0, mini-USB, micro-USB, and the newest standard, USB-C.

USB Flash Drive
Also: USB thumb drive. A small USB data storage device that is removable, rewritable, and can be easily carried in a pocket.

User Data
Any type of data generated by people interacting with software programs. User data includes: Explicit Data, which is given by a user directly such as name, address, email, and phone number; Implicit Data, which is not provided by the user directly but gleaned through analysis of user interactions, such as pages visited, session duration, or type of device; and finally External Data which has been gathered from third parties with whom an organization has a relationship.

Username
Also called account name, login ID, user ID. The credentials you use to access an electronic resources, such as your computer or a website. Every account on a website or device must be unique to that service, so as to keep account information separate.

VGA
Video Graphics Array. A connector that takes video signal from a computer and takes it to the monitor (or projector).

Virtual Personal Assistant
A software program that preforms tasks or services based upon verbal commands. Some of the most well-known services are Siri and Alexa.

Viruses
A piece of malicious software that inserts itself into another software program that it uses to replicate itself. Ransomware is a software virus.

WAV
Waveform Audio File Format. An audio file standard for uncompressed audio.

Web
Also called the World Wide Web, this is an information space on the Internet that is accessible from devices such as computers, cell phones, and tablets, using a URL as the address.

Web Browser
A software program that allows you to access sites on the Internet, or web.

Web Cookie
See Cookie.

Website
a location connected to the Internet that maintains one or more pages on the World Wide Web

Wi-Fi
Short for wireless (the "fi" is an arbitrary syllable added on)

Widget
A graphical element that displays information or provides quick access to certain parts of an app. Mobile devices frequently have a weather widget that is linked to your weather app, and which tells you the current temperature and forecast.

Wireless Access Point
A device that allows your device to access the internet. If a wireless access point (or router) does not have a password, it is unsecure, and you should assume that anyone can see what you are doing on your device.

Wireless Router
A piece of hardware that allows devices to connect to the internet without being plugged into the wall. Your wireless at home should be password protected, so that strangers cannot access all devices in your home using that wireless network.

Wireless
A technology that allows computers to connect to a network and/or the internet without using a physical connection. Wireless is available in an area when a wireless access point (also called a hotspot) has been created and made accessible to devices. Public wireless is less secure and caution should be used (ie, don't make purchases or send private emails over a wireless network). Private wireless networks (such as in your home) should be secured with a password.

WWW
World Wide Web. An information system on the Internet which allows documents to be connected to other documents by hypertext links, enabling the user to search for information by moving from one document to another.

Emoticons

(.V.)	Alien	=)	Happy	=(	Sad
O:-)	Angel	:-)	Happy	:-(	Sad
X-(	Angry	:)	Happy	:(	Sad
~:o	Baby	#	Hashtag	:S	Sarcastic
:-D	Big Grin	<3	Heart	:-@	Screaming
(*v*)	Bird	{}	Hug	=O	Shocked
:-#	Braces	:-|	Indifferent	:-o	Shocked
</3	Broken Heart	X-p	Joking	:-)	Smile
=^.^=	Cat	:-)*	Kiss	:)	Smile
*<:o)	Clown	:-*	Kiss	:-Q	Smoking
O.o	Confused	:*	Kiss	:>	Smug
B-)	Cool	(-}{-)	Kissing	:P	Sticking Tongue Out
:_(	Crying	XD	Laughing	:o	Surprised
:'(	Crying	=D	Laughing Out Loud	:-J	Tongue in Cheek
\:D/	Dancing	)-:	Left-handed Sad Face	:-&	Tongue Tied
-	Dazed	(-:	Left-handed Smiley Face	=-O	Uh-oh
:o3	Dog	<3	Love	:-\	Undecided
#-o	Doh!	=/	Mad	:-E	Vampire
:*)	Drunk	:-)(-:	Married	=D	Very Happy
//_^	Emo	@	Mention	;-)	Winking
>:)	Evil Grin	<:3)~	Mouse	;)	Winking
<><	Fish	~,~	Napping	|-O	Yawn
:-(	Frown	:-B	Nerd	8-#	Zombie
:(	Frown	^_^	Overjoyed		
:-(	Frowning	<l:o	Partying		
=P	Frustrated	:-/	Perplexed		
:-P	Frustrated	=8)	Pig		
8-)	Glasses	@~)~~~~	Rose		
$_$	Greedy				
:->	Grin				

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Acronyms

AF: As (naughty word)
AFK: Away from Keyboard
ATM: At The Moment
BTW: By the Way
B/C: Because
BFD: Big *Freaking* Deal
BFF: Best Friends Forever
BRB: Be Right Back
CU: See You
CYT: See You Tomorrow
DGMW: Don't Get Me Wrong
Diss: Disrespect
EOD: End of Discussion
EOM: End of Message
F2F: Face to Face
FAQ: Frequently Asked Questions (pronounced fak to rhyme with pack)
FFS: For *Freaks* Sake
FREX: For Example
FTW: For the Win
FWIW: For What It's Worth
FYI: For Your Information
GOAT: Greatest of All Time
GR8: Great
HTH: Hope This Helps
HMU: Hit Me Up
IANAL: I Am Not A Lawyer
ICYMI: In Case You Missed It
IDC: I Don't Care
IDK: I Don't Know
IIRC: If I Remember/Recall Correctly
IKR: I Know Right
IMHO: In My Humble Opinion
IMO: In My Opinion
IOW: In Other Words
IRL: In Real Life
IYKYK: If You Know, You Know
JK: Just Kidding
L8R: Later
LMK: Let Me Know
LOL: Laugh(ing) Out Loud
MYOB: Mind Your Own Business
NGL: Not Gonna Lie

noob / noob: Newbie
NNTR: No Need to Reply
NOYB: None of Your Business
NP: No Problem
NRN: No Reply Needed
NSFW: Not Safe for Work
NVM: Never mind
OMG: Oh My God
OMY: On My Way
OOTD: Outfit Of The Day
OTOH: On the Other Hand
OT: Off Topic
OTP: On the Phone
PM: Private Message
RL: Real Life
RN: Right Now
ROTFL: Rolling on the Floor Laughing
RTFM: Read the *Fantastic* Manual
RQ: Real Quick
RU: Are You
SFLR: Sorry for Late Reply
SO: Significant Other
SMH: Shaking My Head
STFU: Shut the *freak* up
TBC: To Be Continued
TBH: To Be Honest
THX: Thanks
TIA: Thanks in Advance
TL;DR: Too Long Didn't Read
TMI: Too Much Information
TTYL: Talk to You Later
TUVM: Thank You Very Much
TYT: Take Your Time
UR: You Are / Your
woot / WooT: Hooray! Yay! Yippee!
Wo: WithOut
W8: Wait
WFM: Works for Me
WRT: With Regard To
WTH: What the *Heck*
WTF: What the (naughty word)
YMMV: Your Mileage May Vary

Be careful with emojis, as many have multiple meanings besides the obvious. Don't send eggplant or peach unless you are *definitely* talking about foods.

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