

# Digital Security

Quick Check!  
Has your email ever been compromised?

---

Open  
[avast.com/hackcheck](https://avast.com/hackcheck)  
on your browser.  
Enter your email  
address and check the  
result?



## Why digital security?

- We keep a lot of information online
- Your credit card, bank apps and other financial details are online
- Your personal, family, and friends' photos are on your social media accounts
- Your confidential work information is in your emails and social media private messages

## What can an attacker do?

- Access and steal information
- Impersonate you to defraud your contacts
- Use an account to get financial information and wipe out your accounts
- Lock you out of your account

## Passwords

- Passwords are the only way to secure the gadgets and our accounts
- We often make them simpler and memorable
- Simpler passwords are very easy for an attacker to predict using sophisticated computer methods

## 25 Of The Most Popular Passwords

1	123456	6	123456789	11	admin	16	starwars	21	hello
2	password	7	letmein	12	welcome	17	123123	22	freedom
3	12345678	8	1234567	13	monkey	18	dragon	23	whatever
4	qwerty	9	football	14	login	19	passw0rd	24	qazwsx
5	12345	10	iloveyou	15	abc123	20	master	25	trustno1



### Dictionary Attack

Hackers can program a computer to run all the dictionary words and pick password



### Phishing

Cybercriminals try to influence you to open a malicious email link. The website harvests your details



### Shoulder Surfing

One can observe you entering your passwords. CCTV cameras can also record you authenticating your logins

## Good Passwords

- \*Long.
- \*Not personal.
- \*Complex.
- \*Secret.
- \* Unique.
- \*Practical (passphrase)

## The Passphrase

- Make use of uncommon bizarre words
- You can make a mix of nouns, names of places and historical figures
- Use your local language

e.g MzilikaziMakokobaLobengulaSt (this visualises your way into town)

## The Sentence Method

- Sentences are also an option for unique passwords
- Find a unique sentence and tweak it

eg: The Nile River is the longest in Africa can be reworked to: ThNiRiIsThLoInAf

Tip: Run your mock password on <https://password.kaspersky.com/> and see the result