



# Financial Security of the Individual on the Internet

Thematic lesson



RUDN  
university



Ministry of Education  
of Russia



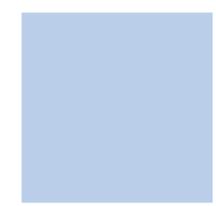
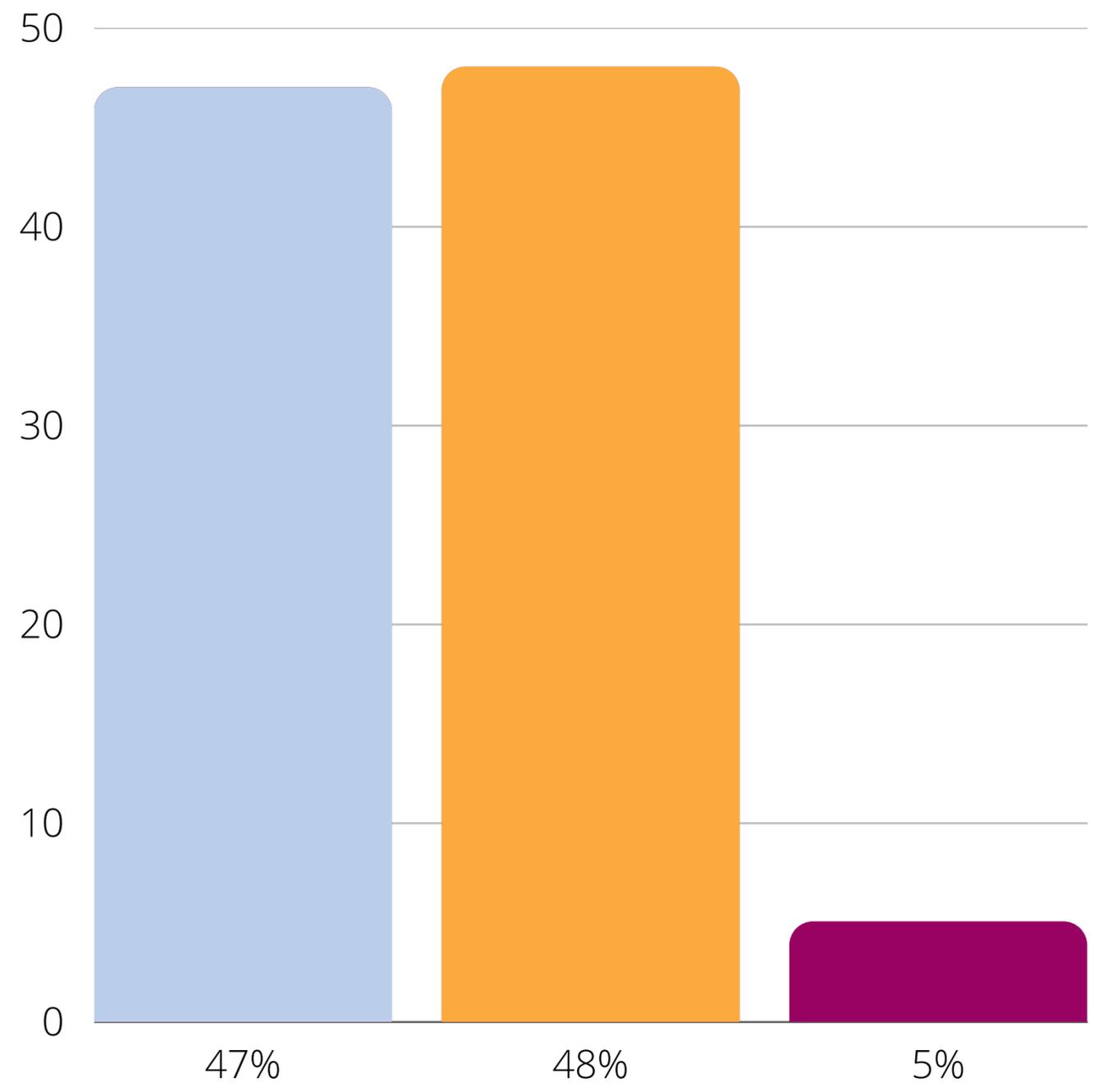
Ministry of Education  
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Rosfinmonitoring



# Statistics 2022



**Only 47% of teenager respondents**

believe they have enough knowledge to avoid financial risks in everyday life



**48% of teenager respondents**

note that they have some knowledge, but it is not enough to avoid financial risks



**5% of teenager respondents**

believe that they do not have the knowledge to avoid financial risks - not to become a victim of scammers, to ensure the safety of their savings

# Financial Security

the concept that includes a set of measures, methods and means to protect the economic interests of the state at the macro level, corporate structures, financial activities of business entities at the micro level.



## National

financial security of the entire state



## Regional

the security of certain parts of the state



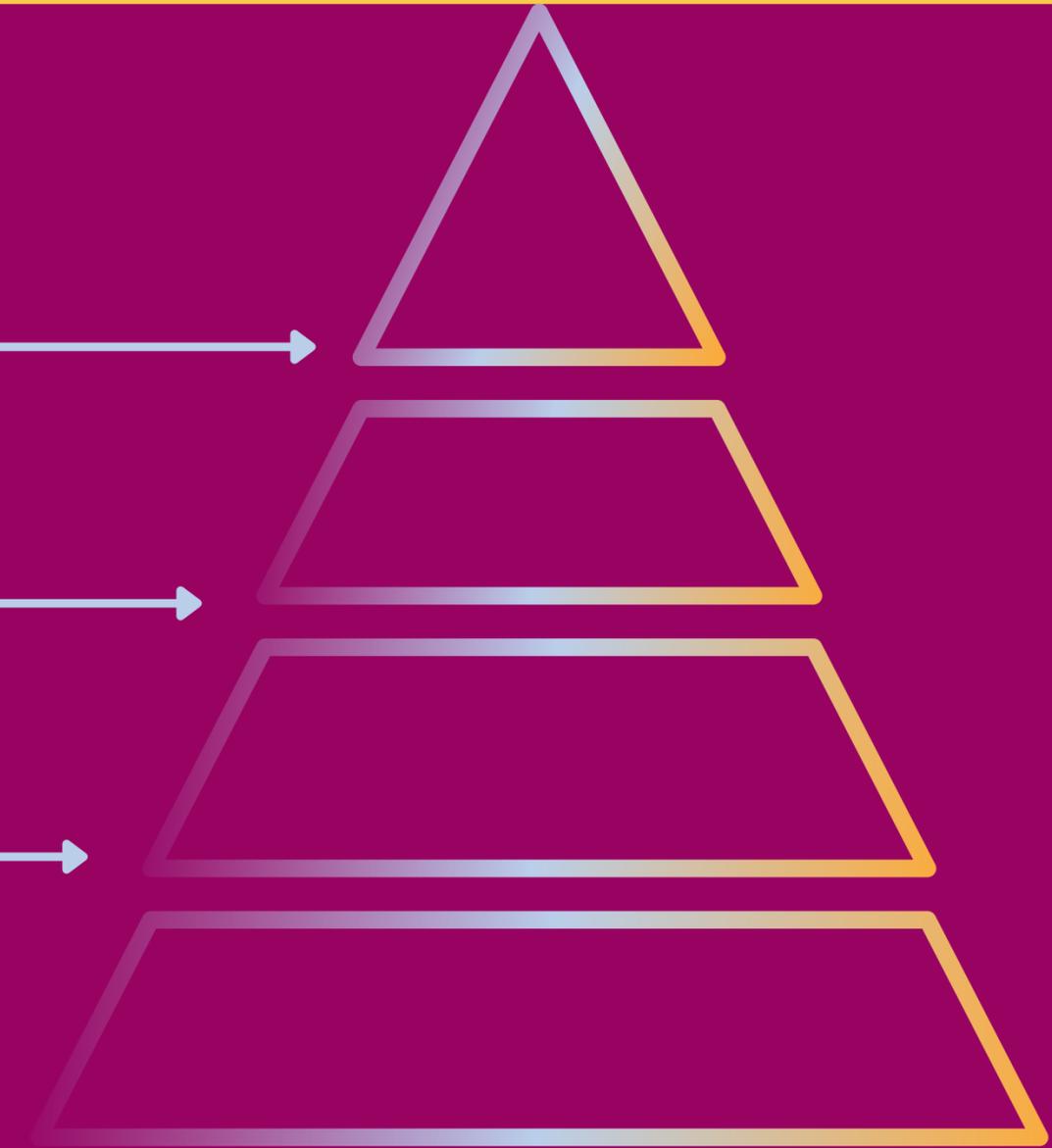
## Corporate

financial security of organizations



## Personal (family)

individual security



# Financial Fraud



the commission of illegal actions in the field of monetary circulation by deceit, breach of trust and other manipulations for the purpose of illegal enrichment.



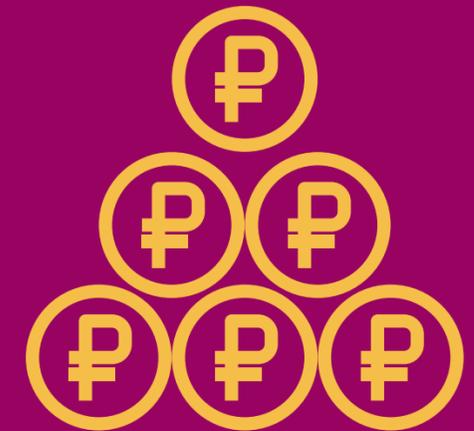
bank cards fraud



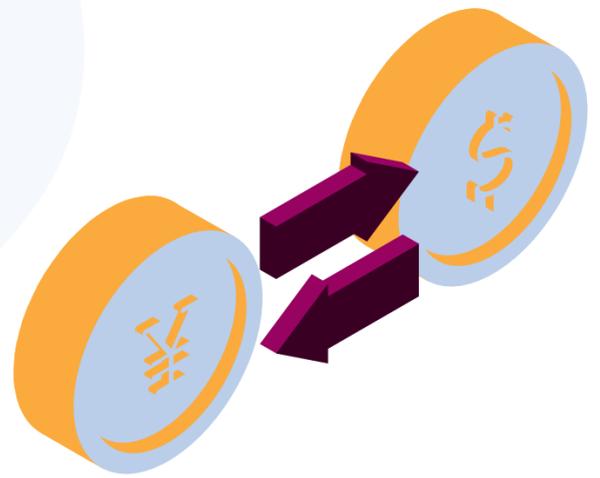
Internet fraud



mobile phones fraud



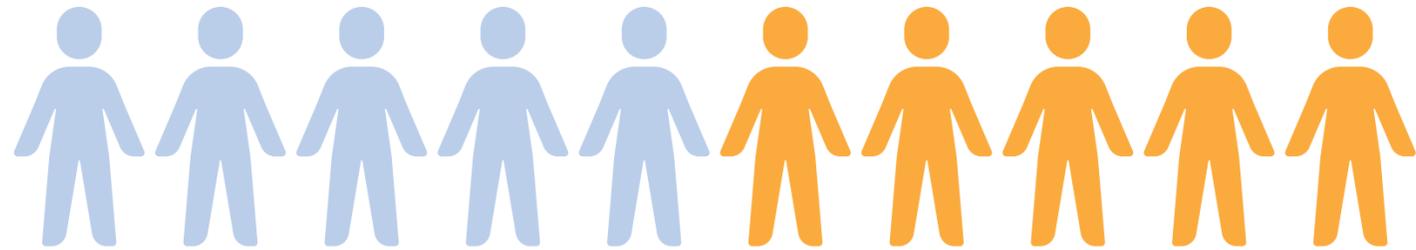
financial pyramids



# I. Digital Identity Profile and Biometric Personal Data

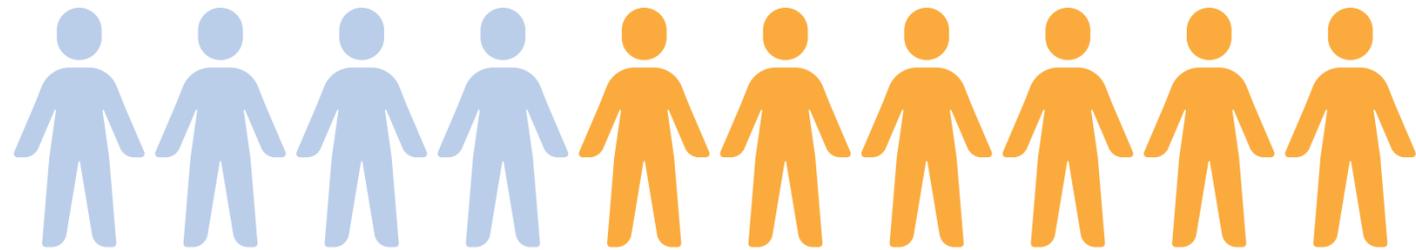
# Global Digital Statistics 2023

use of the World Wide Web and the safety of personal data on the Internet



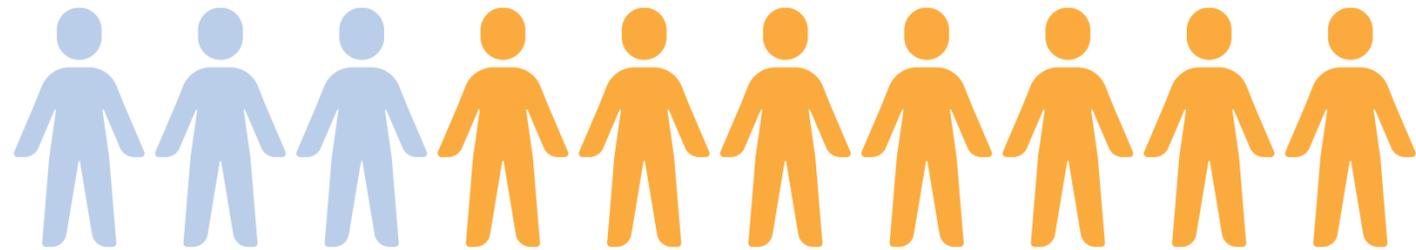
**64.4% of the world's population**

has internet access as of early 2023



**60% of the world population**

are users of social networks



**59% of young Russians**

do not pay due attention to the safety of their personal data when making purchases on the Internet

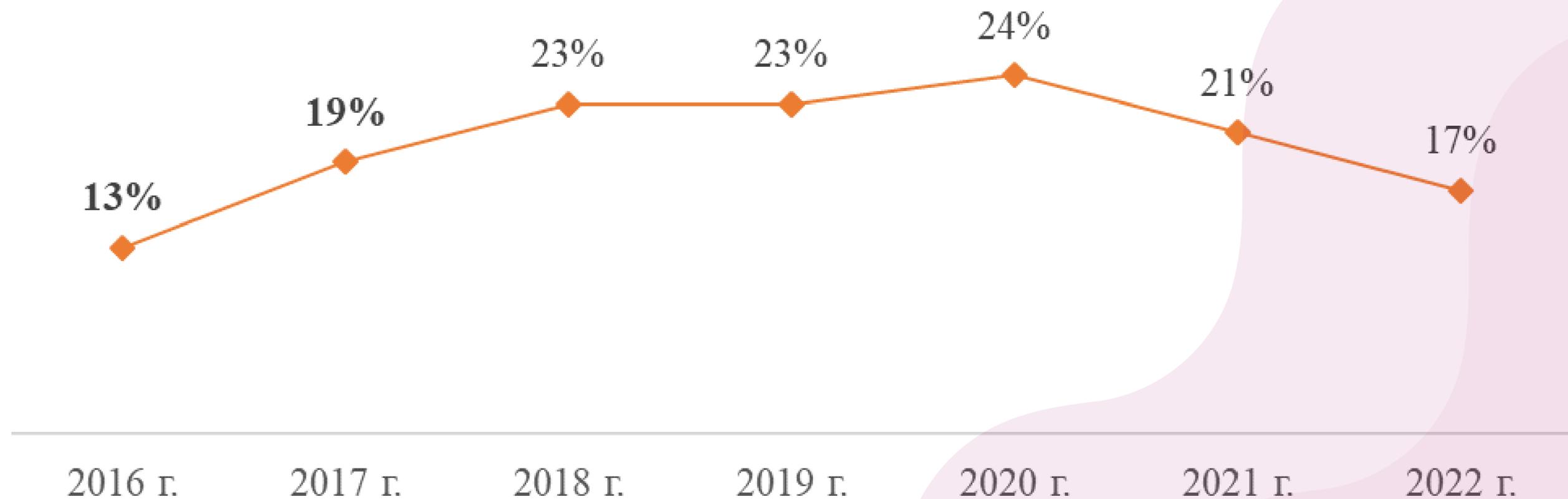


## Think and Discuss:

What conclusions can be drawn from the above data?

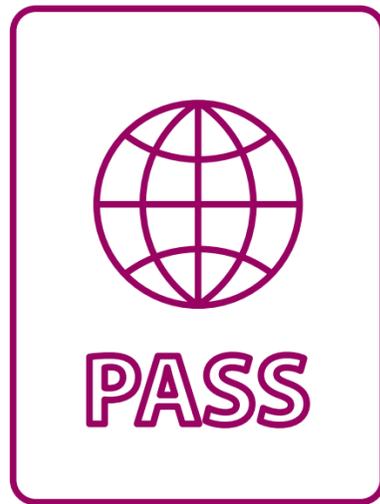
# Statistics 2022

Percentage of those who agree with the statement: "I have sufficient knowledge and skills to protect my personal information on the Internet", is % of those who use the Internet

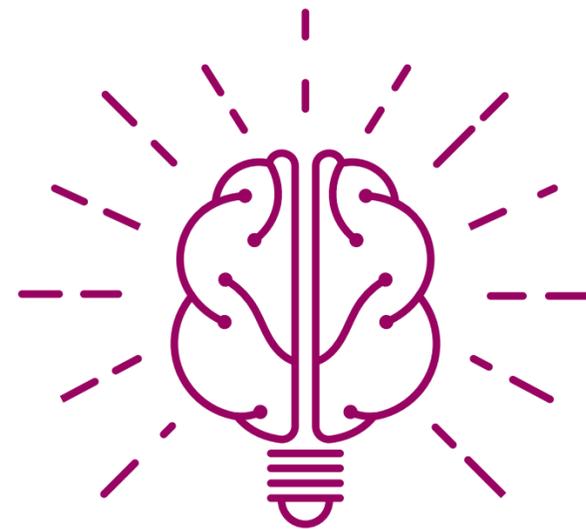


# Personal Information

any information that directly or indirectly points to you, or is somehow related to you



general personal data



special categories of personal data



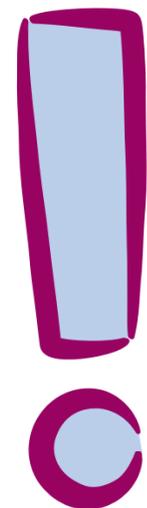
publicly available personal data that one allows to be shared



biometric personal data

# Digital Personality

personal data with which a criminal can impersonate one, for example, to obtain material benefits

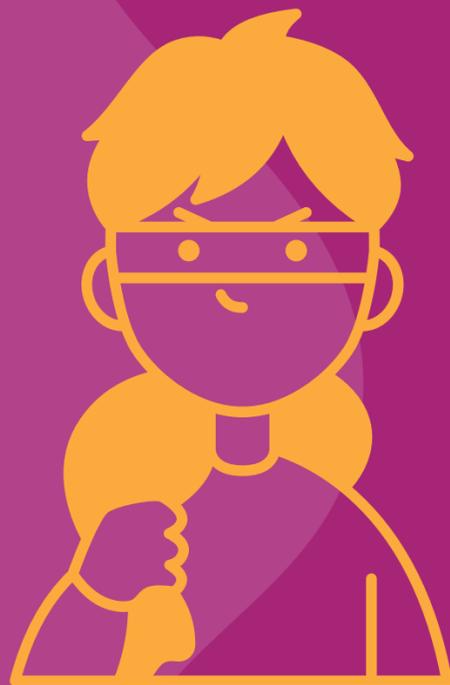


## Assignment

Give at least three examples of information, namely elements of your "digital identity" that you publicly release over the Internet. What kinds of your data can be stolen?



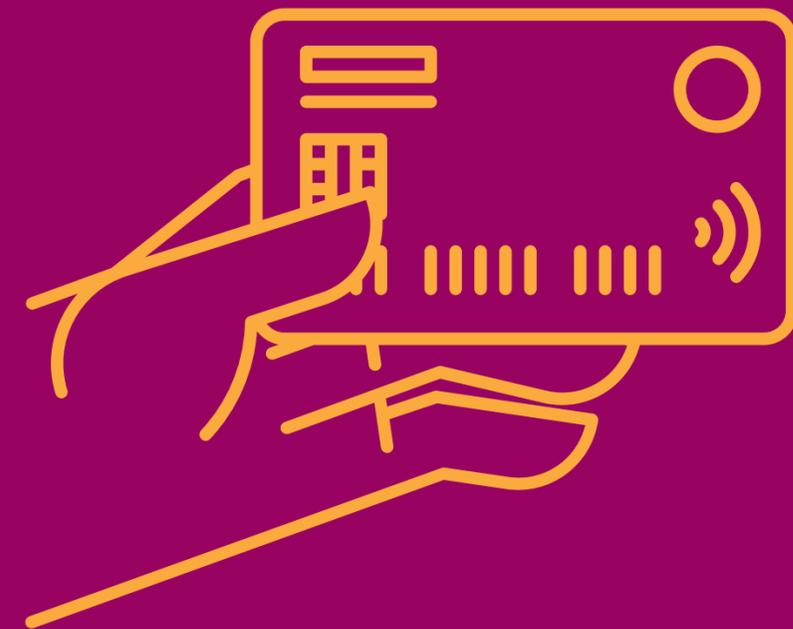
# Why Do They Steal a Digital Identity?



**Fraud and extortion**



**Registration of fake  
accounts**



**Getting a loan,  
bonuses and post-  
paid services**

# Situation

Deputy of N. city Sh.Sh. Sattorov began to find online reviews on his own behalf, published on various resources. Outwardly, these were inconspicuous reviews containing real details of his family life and a description of the product, but rudeness and disrespect for users were always traced in the reviews, they always caused a negative attitude towards the author in the ordinary reader.

As a result, citizen Sh.Sh. Sattorov decided to write to the site owners with a request to remove illegally distributed personal data.

# Assignment

11

1. Read the text.
2. Guess what sort of family life details of Deputy Sh.Sh. Sattorov might have been published along with the product reviews.
3. Drawing on the material of the memo on how to eliminate the consequences of data leakage and on the samples of appeals on the next slide, make a hypothetical appeal from citizen Sh. Sh Sattorov. to the site owners.



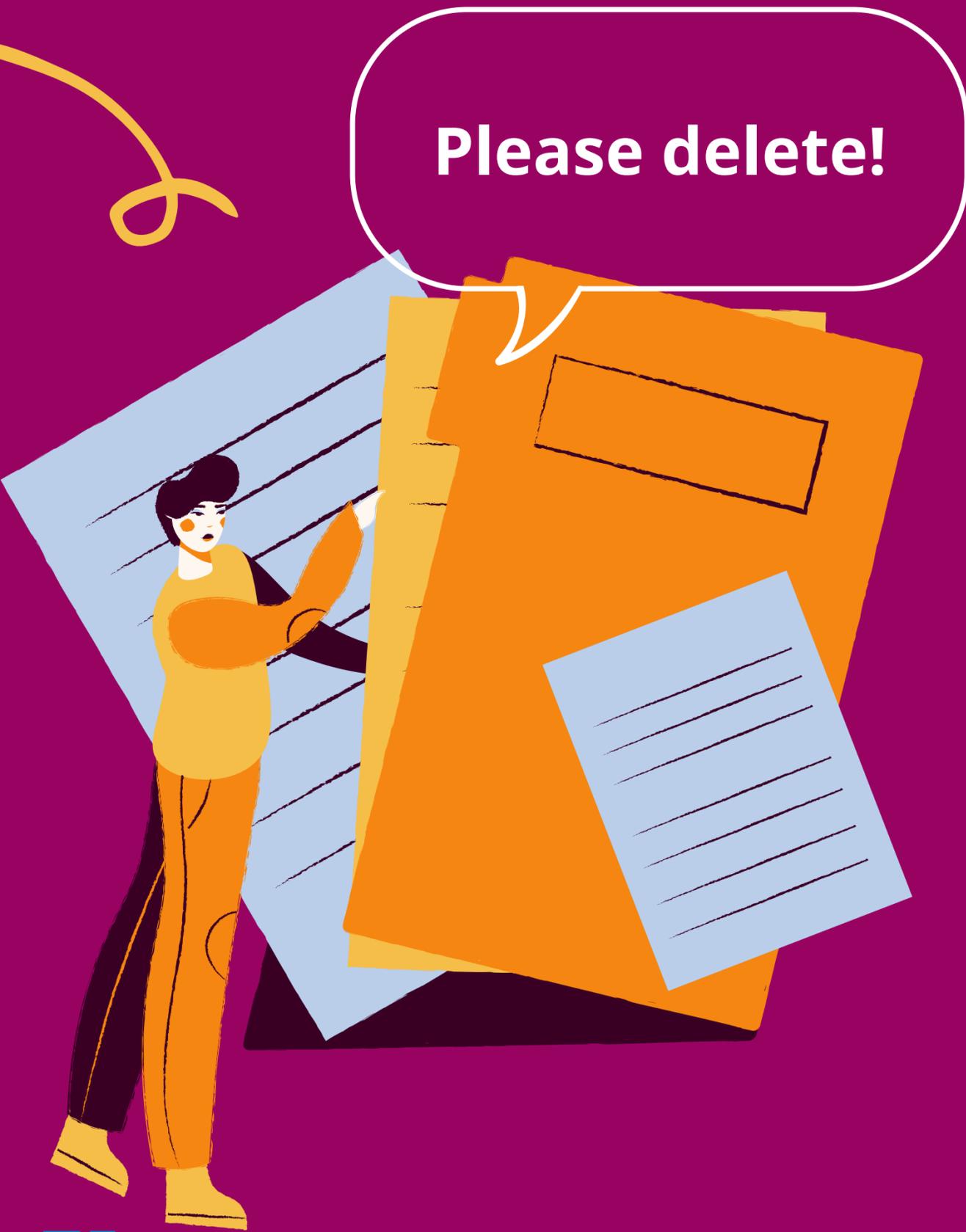
# Sample Request for Deletion of Personal Data

Please delete!

Good afternoon,  
Your website (specify the link) has posted my personal data for public access, namely (specify which data). Please help me to remove them.

If there is no response to my appeal, I regret to inform you that I will have to file a corresponding application with the regulatory body, as well as ask for the assistance of the domain name registrar and hosting provider serving your site.  
I hope for your help!

Sincerely,  
(applicant's full name).



# Digital Hygiene Rules:

- create complex and different passwords, use a password manager to create and store them;
- set up two-factor authentication for logging into your account;
- install applications only from official stores and carefully check what permissions you give to installed applications;
- use mail services for transmission with the ability to delete data from the recipient;
- delete email with personal data from the mailbox and messengers;
- do not use social networks for authorization on sites;
- delete all unused accounts;

It is easier to prevent data leakage than to eliminate its consequences!





DNA code

An icon of a yellow DNA double helix structure.

The iris pattern of the eye

An icon of a stylized yellow eye with a circular iris.

Face image, photo and video

An icon of a woman's face with long yellow hair.

Height, weight, body structure features

An icon of a yellow human silhouette.

Fingerprints and hand vein patterns

An icon of a yellow fingerprint.

Voiceprint

An icon of a yellow speaker and a soundwave.

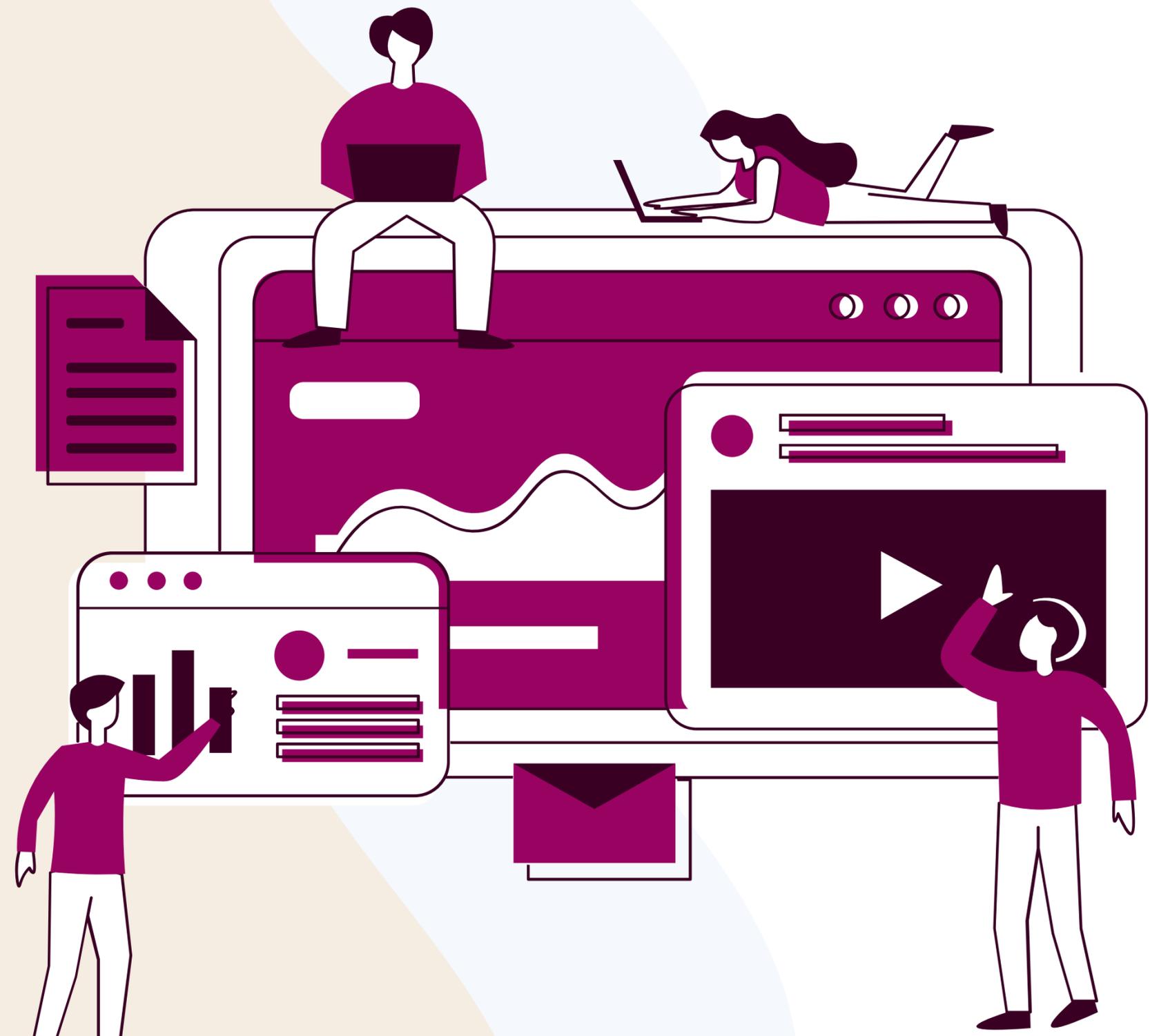


# Situation

In 2021, a resident of the city, H. Muqaddas, complained that she fell into the trap of scammers who used a special computer program to “clone” a person’s speech, and lost 50,000 conventional monetary units. That was the price to save her friend from revocation of driving license for driving while intoxicated. When a “friend” called from a number unknown to the girl, she had no doubt that she was talking on the phone with a person close to her. Allegedly, he has just changed his phone number and he really needs help, because a police officer is demanding a bribe. Then the phone was handed over to the “employee”, who convinced the girl to hand over the money to “resolve” the situation. The girl followed all the instructions for transferring to an unfamiliar number and only after that she turned to the bank, but the payment to the fraudster had already been made.



# II. Financial Security in Social Networks and Online Games



— a type of fraud that involves the use of social networks in order to take over someone else's account, steal the confidential data of victims, or lure them to fake sites in order to gain financial benefit.



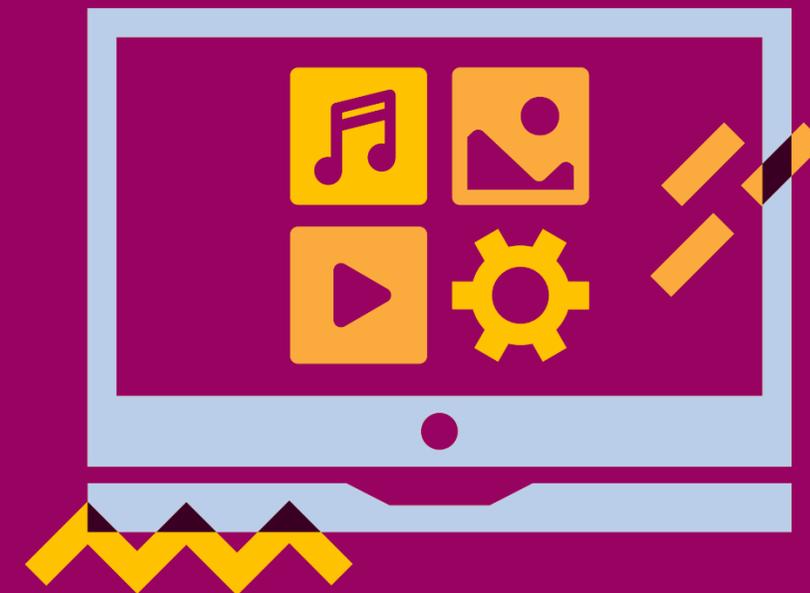
**Online stores, cinemas, delivery services and other paid services**

Purpose: data that allows access to linked bank cards



**Posting emotional stories on social media about children or animals in need of help**

Purpose: the maximum number of reposts and money directed to pseudo-charity (which can be used to finance terrorism and extremism)

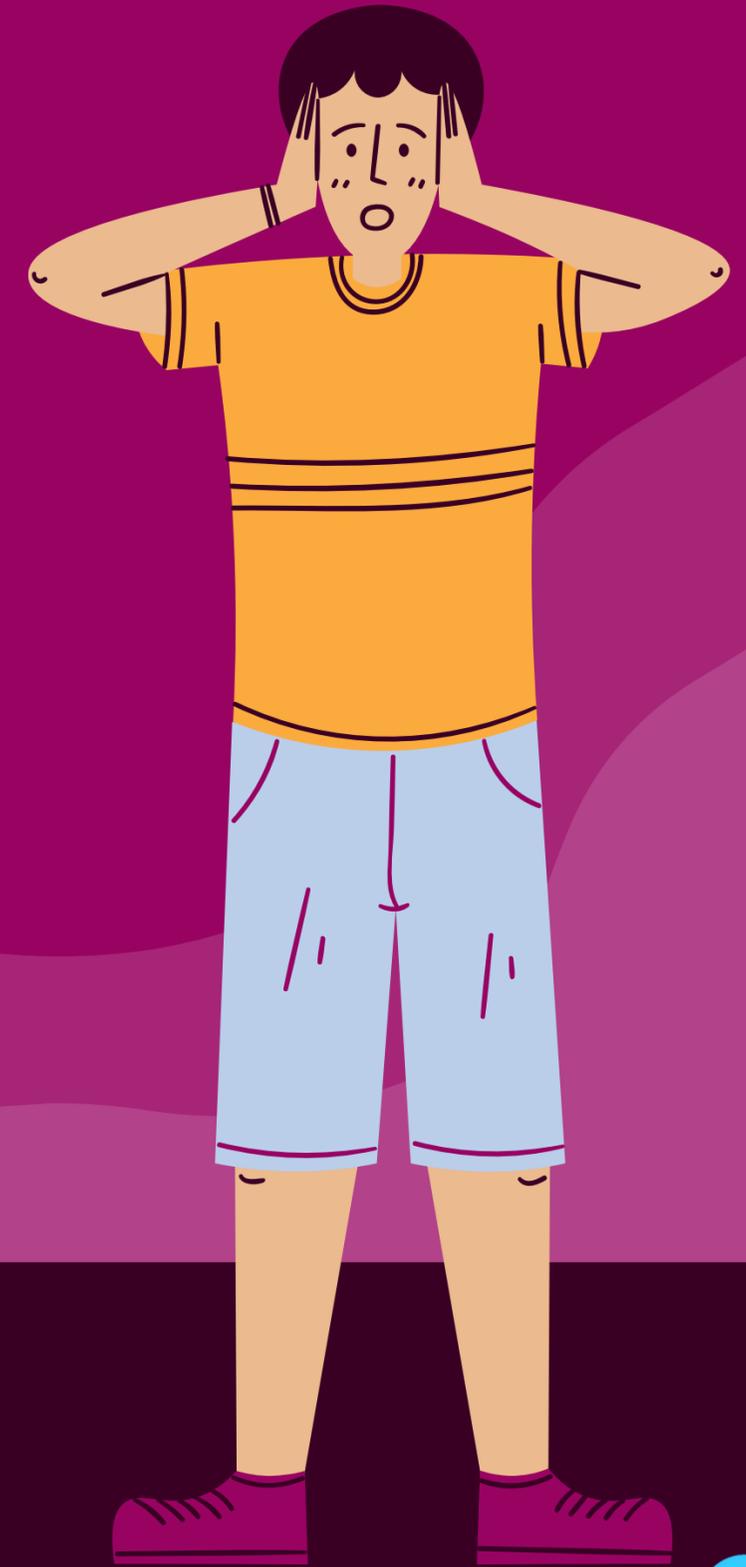


**Messages asking for a loan, voting in a contest, a link to a "funny video" from one of your friends, participating in a raffle**

Purpose: data from your social network account

# Situation

In August 2019, Fstoppers reported on a phishing campaign launched on Instagram, in which scammers sent private messages to Instagram users, warning them of image copyright infringement and requiring them to fill out a special form to avoid getting banned. One of the victims received a private message from a supposedly official North Face account alleging copyright infringement. The victim followed a link in a message to a seemingly legitimate site, Instagram Help Notice.com, where the user was asked to enter their login credentials. The victim, trapped, eventually gave the hackers access to her account information and other personal data associated with her Instagram account.



# Checklist: Am I protected from phishing?

Check which of the rules you follow regularly:

- Check which of the rules you follow regularly:*
- I never use the same passwords on different services*
- I carefully check where I enter my login, password and payment information*
- I use two-factor authentication*
- I do not click on suspicious links*
- I do not believe unreasonably good offers*



— fake social media profiles that can be used to extort money and personal data from social media users



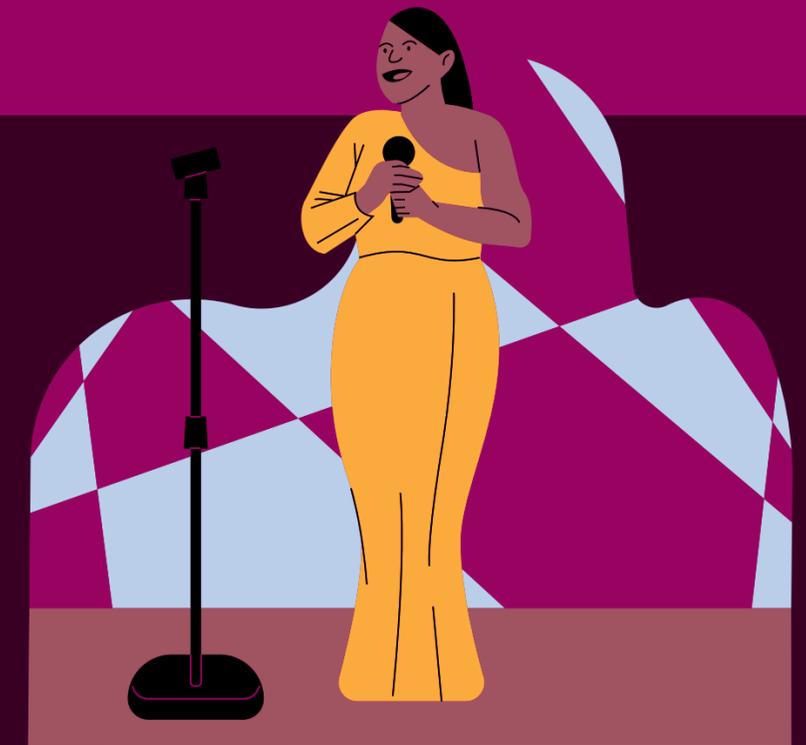
## Online stores and fake charities

- check information about promotions on the official websites of stores and charities
- large stores are unlikely to send news about the draw through social networks



## Accounts for extortion and involvement in the financing of terrorism

- check the activity on the page - posts should be published at different intervals (not 10 posts in 1 day), and likes / comments should correspond to the number of subscribers



## Celebrity accounts

- check if the celebrity page is verified - trusted profiles are marked with a blue checkmark
- check profile creation date and post originality



growth in the number of players in online games



increased risk of adverse effects



Online games store not only game currency and game items, but also real money

# Key Threats in Online Games



## Identity theft

personal data is a direct access to the wallet



## Personal data is a direct access to the wallet

after stealing an account, scammers begin to blackmail the user, demand money for a refund

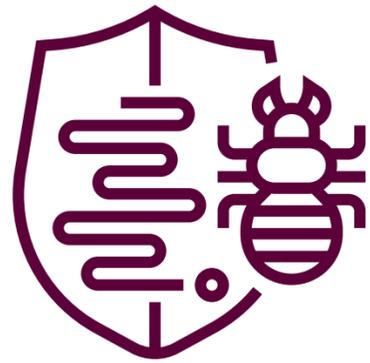


## Cash theft

about half of the fraud cases at the time of opening an account to pay for game currency, purchase add-ons, launch the game



# Key Threats in Online Games



## Malware Injection

the user is prompted to download the plug-in for the game by clicking on a link to another site where the malware is running



## Breach of privacy

Intruders can gain access your other accounts, register new accounts in your name



## Hidden fees

to get access to all the features and functions in the game, you need to pay by linking a bank card to your account, payment is made automatically



# Akram, 20 years old



# Assignment

1. Read the text on the next slide.
2. **What happened next?**  
Assume further developments based on your knowledge of possible fraud in online games.
3. What conclusions can be drawn from the situation?

# Situation

"When I was a schoolboy, I found some server in 'Counter-Strike: Source' where there was a dude in the Iron Man skin. When he died, his ragdoll made cool metallic sounds – anyway, I was impressed. I asked at in a general chat how to get such a skin, and the server admin replied that the model is available only for admins, but offered it for nothing. He activated the skin for me on the server, and everything seemed to work fine, but then he wrote that the model, needed to be activated on Steam to keep it from disappearing. At his request, I installed TeamViewer and gave access to the computer. He connected, opened Notepad right on my desktop, and wrote what to do to activate the skin."



**Akram, 13 years  
old**





### III. Protection of Human Rights in Financial Sector



# Organizations that protect the rights of citizens in the financial sector

1 Central bank

2 Antimonopoly authorities

3 Internal affairs bodies,  
police

4 Prosecutor's Office

# Let's summarize:

**What should not be indicated on your social network page? Select several options**

- a) information about relatives.
- b) geotags .
- c) telephone number.
- d) first and last name.
- e) full address of residence.
- f) all of the above.

**What criteria can be used to recognize a fake account? Select several options.**

- a) there is no blue tick next to the nickname.
- b) this person is not familiar to you.
- c) a person has a lot of followers, but very little activity on the page.
- d) the profile was created recently and there is only one photo in the feed.
- e) the profile of the page owner is confirmed, but the avatar has flowers, not a photo of the page owner



# International Financial Security Olympiad



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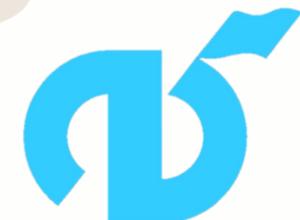
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# Olympiad Goals



- ✓ Improving the general information, financial and legal literacy of young people, shaping a new form of thinking and a new format of activity, identifying talents in the field of financial security
- ✓ creating conditions for an individual educational trajectory, promoting vocational guidance of students to form the human resources of the financial security system;
- ✓ stimulating educational, cognitive and research activities of students, developing scientific knowledge in the field of financial security.

# Olympiad Pathway

## Thematic lesson on financial security



### ① INVITATION STAGE OF THE OLYMPIAD

- held on the platform and website of the Olympiad
- Deadline is April 7, 2023.

### ② PRELIMINARY STAGE OF THE OLYMPIAD (university)

- is held at the sites of the universities participating in the International Network Institute in the field of AML / CFT
- Deadline is May 19, 2023.
- The winners get the right to participate in the next stages of the Olympiad

### ③ SELECTING STAGE OF THE OLYMPIAD

- sending motivation letters (essays)

### ④ FINAL STAGE OF THE OLYMPIAD

- held on the federal territory "Sirius" (Sochi, Russia)
- Date: October 2-6 , 2023
- winners and prize-winners are granted additional rights upon admission to higher education programs



RUDN university





# We invite you to participate:

Students of educational organizations from Belarus, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan, Armenia, Brazil, India, China, South Africa, Russia, Iran, Pakistan, Namibia



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Rosfinmonitoring

## More information:

[www.fedsfm.ru](http://www.fedsfm.ru) - Rosfinmonitoring

[www.mumcfm.ru](http://www.mumcfm.ru) - ITMCFM

[www.rudn.ru](http://www.rudn.ru) - RUDN University

[rosfinolymp.ru](http://rosfinolymp.ru) - website of the Olympics

E-mail: [olimpiada@mumcfm.ru](mailto:olimpiada@mumcfm.ru)

