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HOW TO IDENTIFY DIFFERENT WAYS OF CYBERBULLYING





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CYBERSTALKING



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HOW TO IDENTIFY IT:

- Someone repeatedly tries to contact you on internet.
- Someone tries to disconnect you from your family and friends.
- Some joins the same online groups you are in
- You realise someone has installed you some tracker (ex.GPS) on your devices





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PHISHING



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HOW TO IDENTIFY IT:

You find out there is an online profile with your exact identity and personal information but it is NOT you.





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CYBEREXCLUSION



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HOW TO IDENTIFY IT:

You find groups against someone or where someone is purposely excluded.





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IBSA



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HOW TO IDENTIFY IT:

Someone shares online a picture of you (might be nude or wearing a bikini, for example) without your permission.





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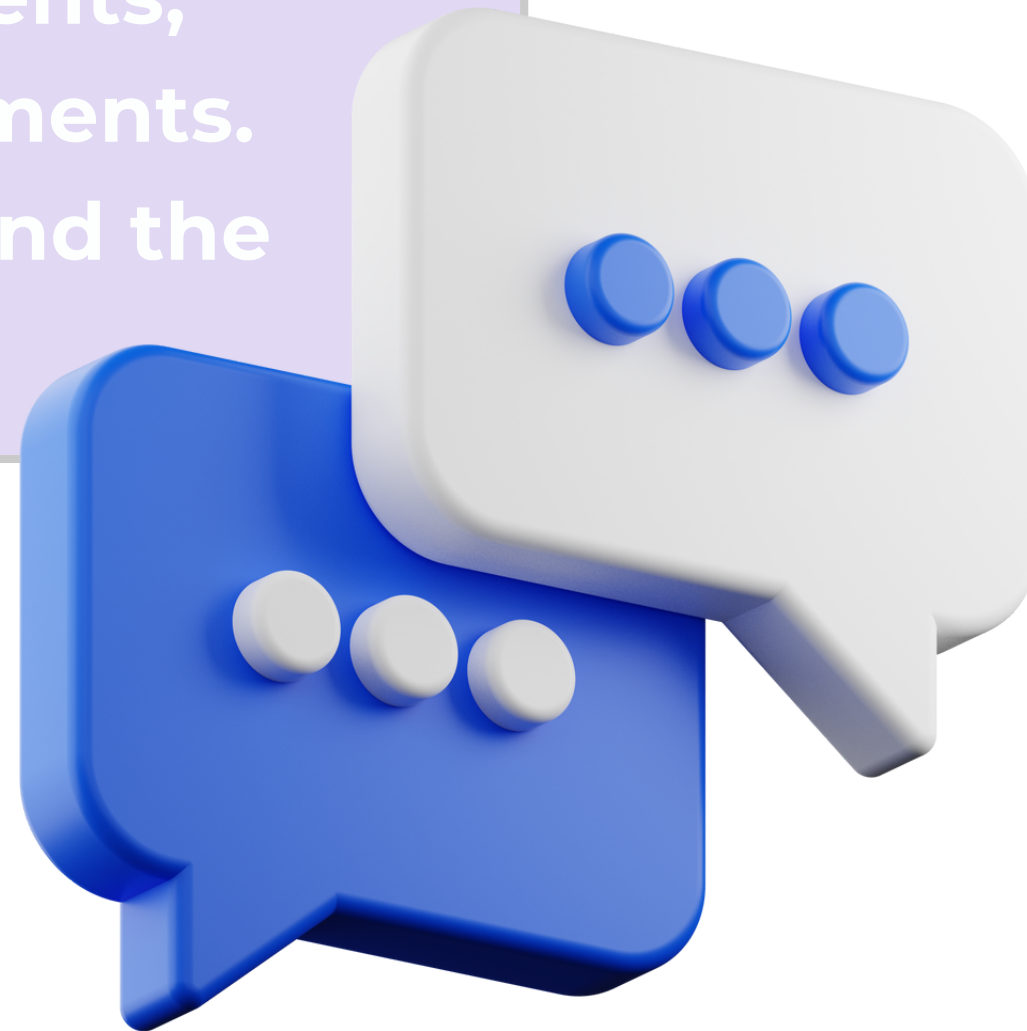
SHITSTORM



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HOW TO IDENTIFY IT:

- From the number of comments, reposts with negative comments.
- The intensity of the event and the rapidity.





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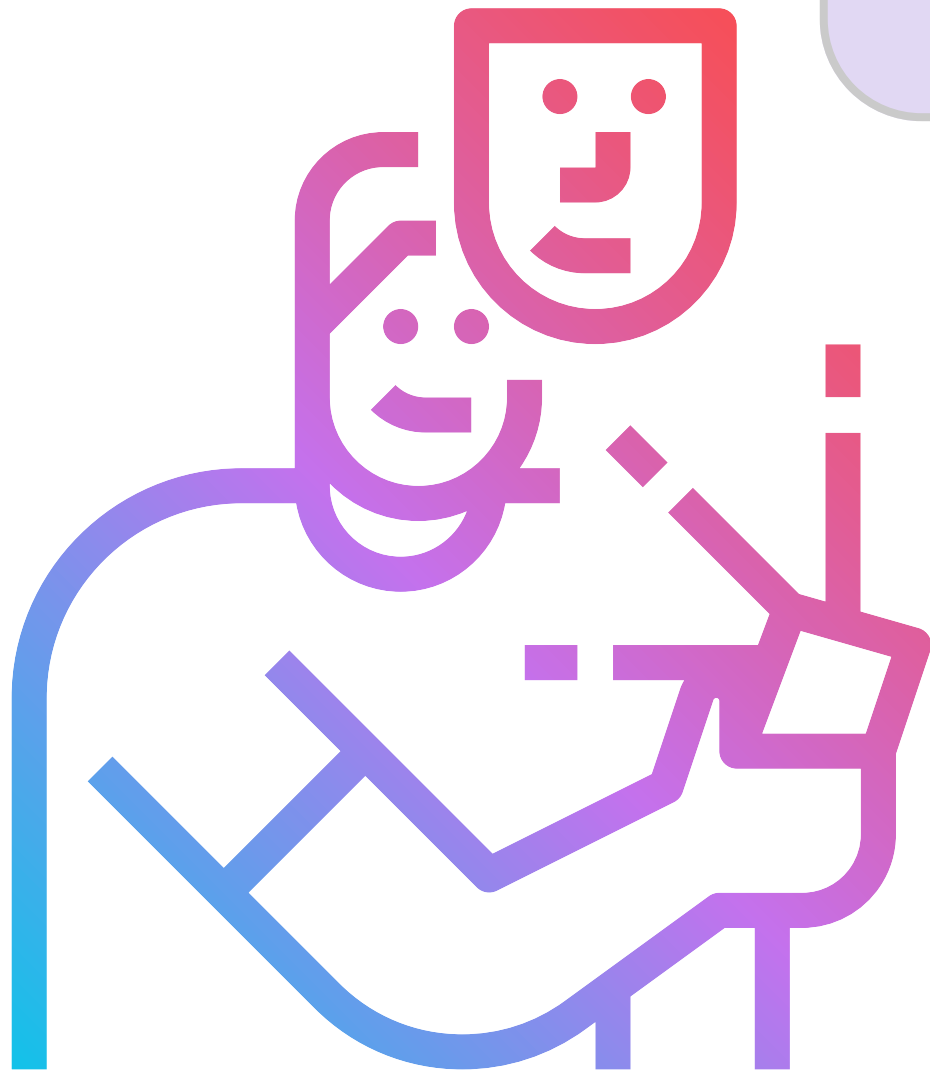
DEEPPFAKE



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HOW TO IDENTIFY IT:

- The online presence of videos or pictures you haven't taken





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SOCIAL INTERACTIONS & DETECTION TOOLS IN CYBERBULLYING





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AUTOMATED TOOLS TO DETECT CYBERBULLYING



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- Automated Tools
- Education
- Counseling
- Enforcing Laws
- Virtual Environments





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Identifying Attacks through Text Analysis



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- Identifying aggressive content
- Emotional content detection
- Aggressive text patterns
- Emoticons
- Supervised Machine learning
- Role-specific classification





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Identifying Attacks through Image/Video Analysis



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- Image and video analysis
- Violent behaviour detection
- Image forgery detection
- Content impact assessment





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Characterising Cyberbullying through Social Network Analysis



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- Digital media characteristics
- Social Network Analysis
- Indicators of Cyberbullying
- Power Dynamics
- Detecting fake accounts
- Measuring anonymity





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Other Social Network Analysis Relevant to Cyberbullying



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- Additional knowledge
- Groups and communities
- Group characteristics
- Individual popularity
- Centrality

