Cybercrimes: A Survey

Matthew Edwards

Focus: Cybercriminology

November 3, 2020

Cybercrime Categories

One binary categorisation (that commonly falls apart):

Cyber-enabled "traditional" forms of crime that have moved online.

Cyber-dependent new forms of crime that would not be possible without computer systems and communications networks.

Another approach is to look at *motive*:

- Financial
- Ideological
- Personal

Let's look at examples...

Advance-fee fraud

Sir / Madam,

We would like to inform you that Oxfam GB (UK) International donations project has given you a cash grant of [£1,000,000.00 GBP], as a charity donation of Oxfam International, United Kingdom, promoted in conjunction with Children's Fund of the United Nations [UNICEF].

For more information about the processing and payment of your grant claims, please contact Dr. Harry [Surname Removed] via email below, the national secretary of the Foundation with your qualification Number [OXG/101/231/BDB] as soon as possible.

Dr. Harry [Surname Removed]
E-mail: oxfam.uk2019@[removed]
Oxfam GB-UK, United Kingdom
[Link to genuine Oxfam website removed]

Fake Landlord Scams on the Rise Warns NLA

landlord vision

Child sexual abuse

Online grooming :

- chatrooms, games, social media
- offenders often disguised as children
- victims coaxed into relationship and then exploited

Child pornography :

- originators record direct child abuse
- possession is criminal
- law enforcement focus on distribution

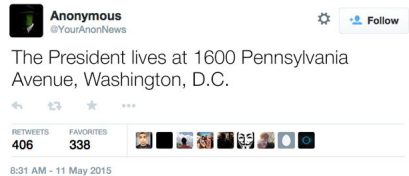Motives different from most other crimes: pathological in origin.
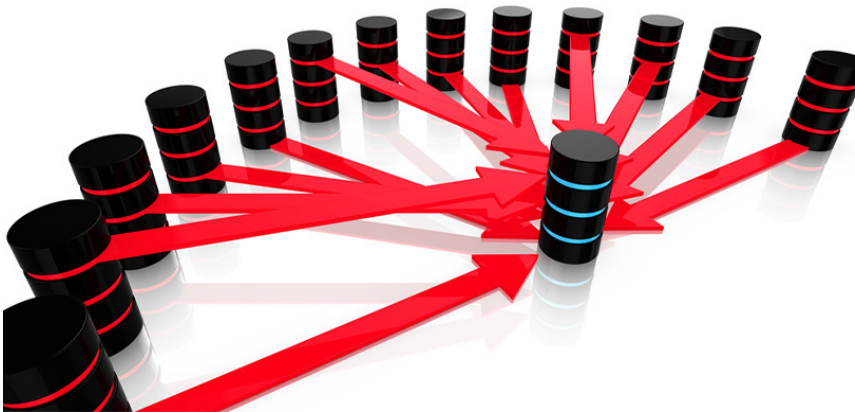
Click fraud

Cyberbullying

Data leakage

Anonymous
@YourAnonNews

The President lives at 1600 Pennsylvania
Avenue, Washington, D.C.

RETWEETS 406 FAVORITES 338

8:31 AM - 11 May 2015

Doxxed!

Denial of service

Drug dealing

Email spam

Financial malware

Ransomware

Romance scams

Sextortion

Conclusions

Cybercriminals are not a uniform mass. The required skills, experience and motivations are different for different offenders.

Be critical of conclusions about 'cybercriminals' as a general grouping.