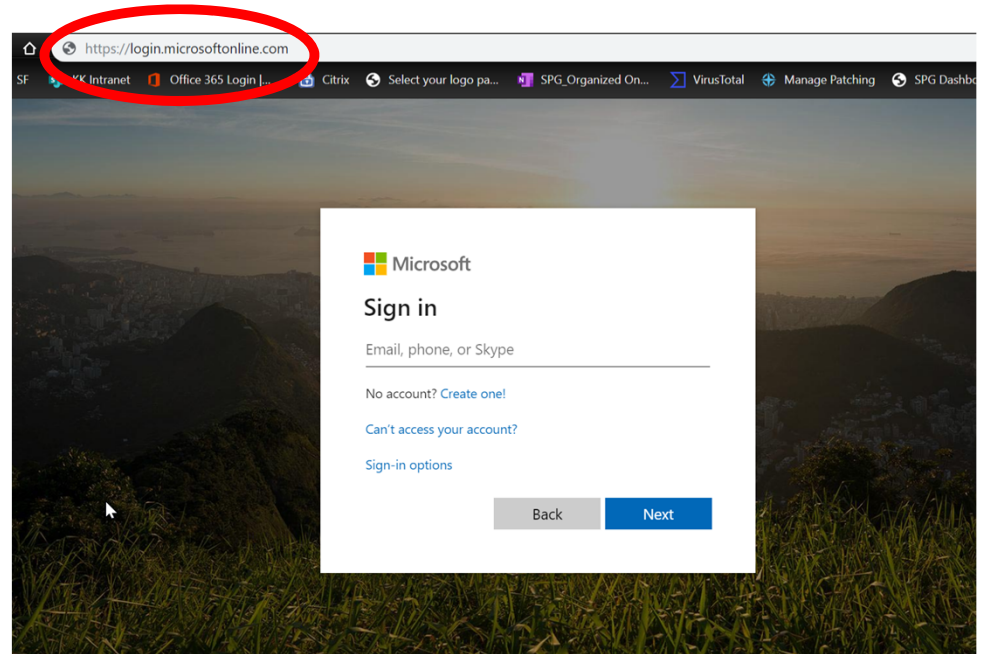
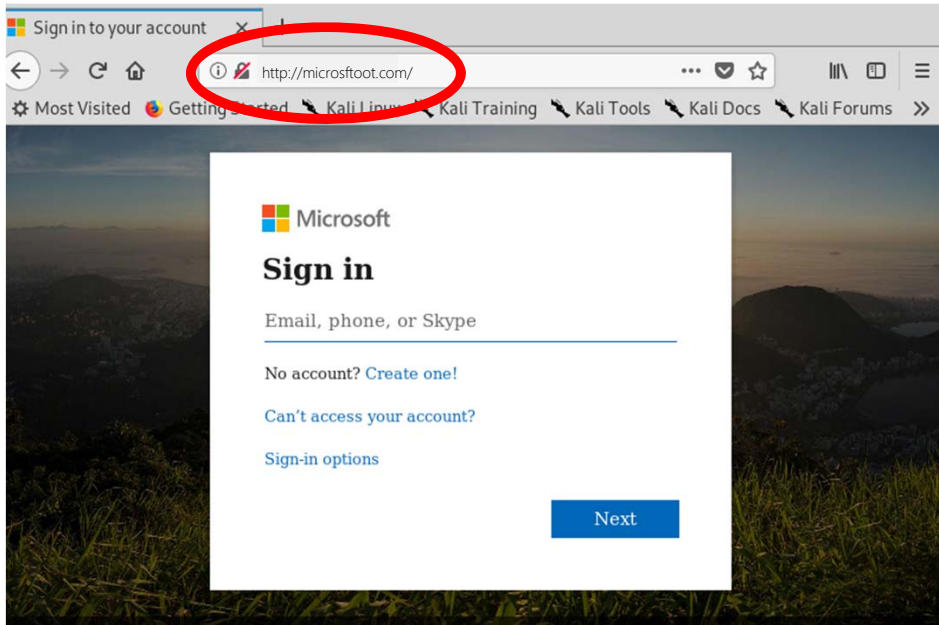




Big Apple Bites

CYBERSECURITY

David Owusu, Legal Security Analyst



David Owusu

**Security Analyst,
Kraft Kennedy**



M.S.

Albany Law School

Legal Studies, Cybersecurity and Data Privacy

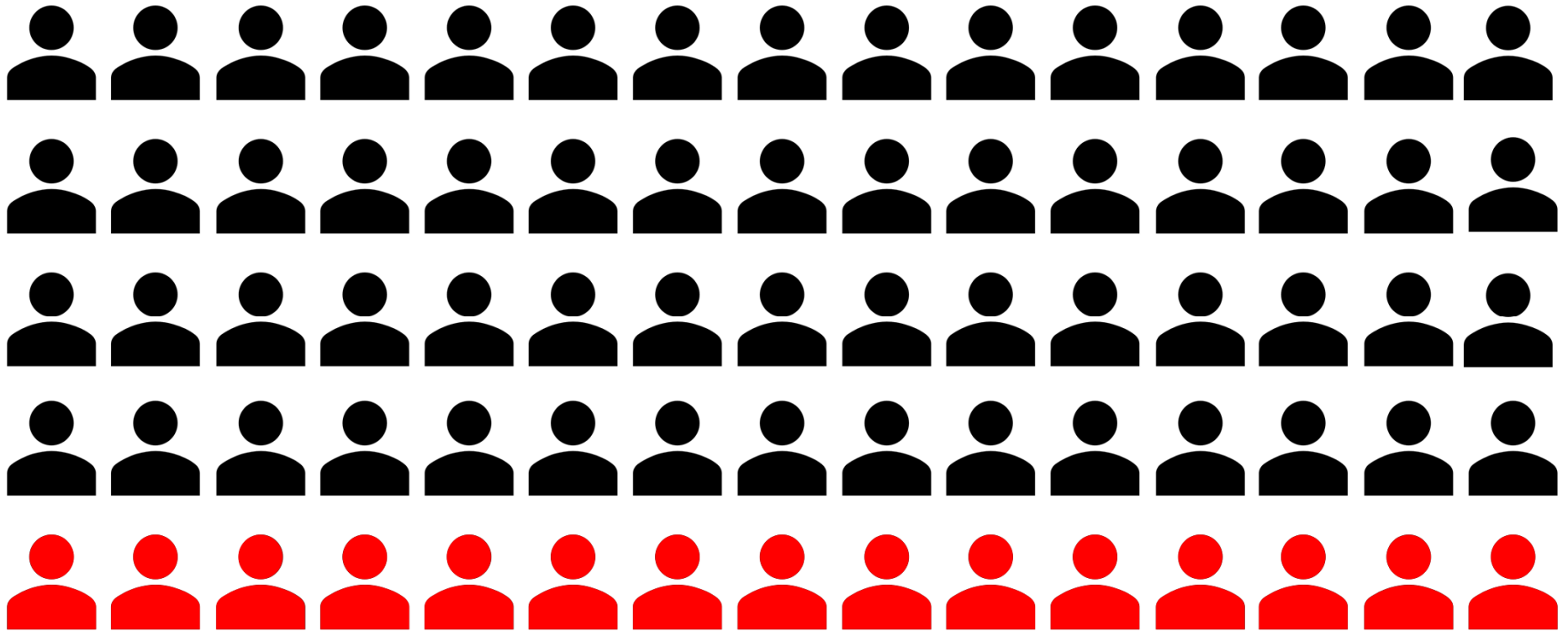


B.S.

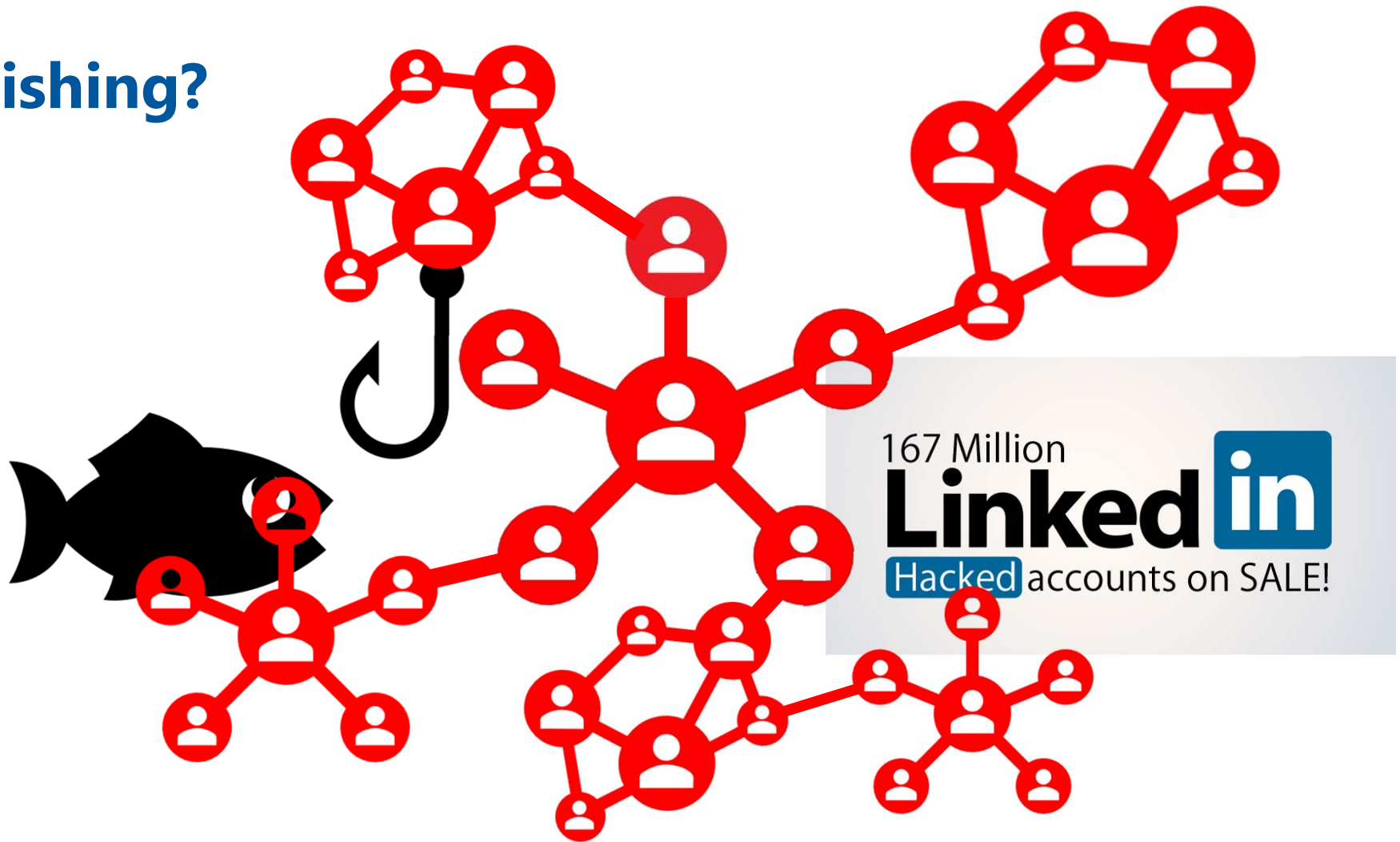
University at Albany

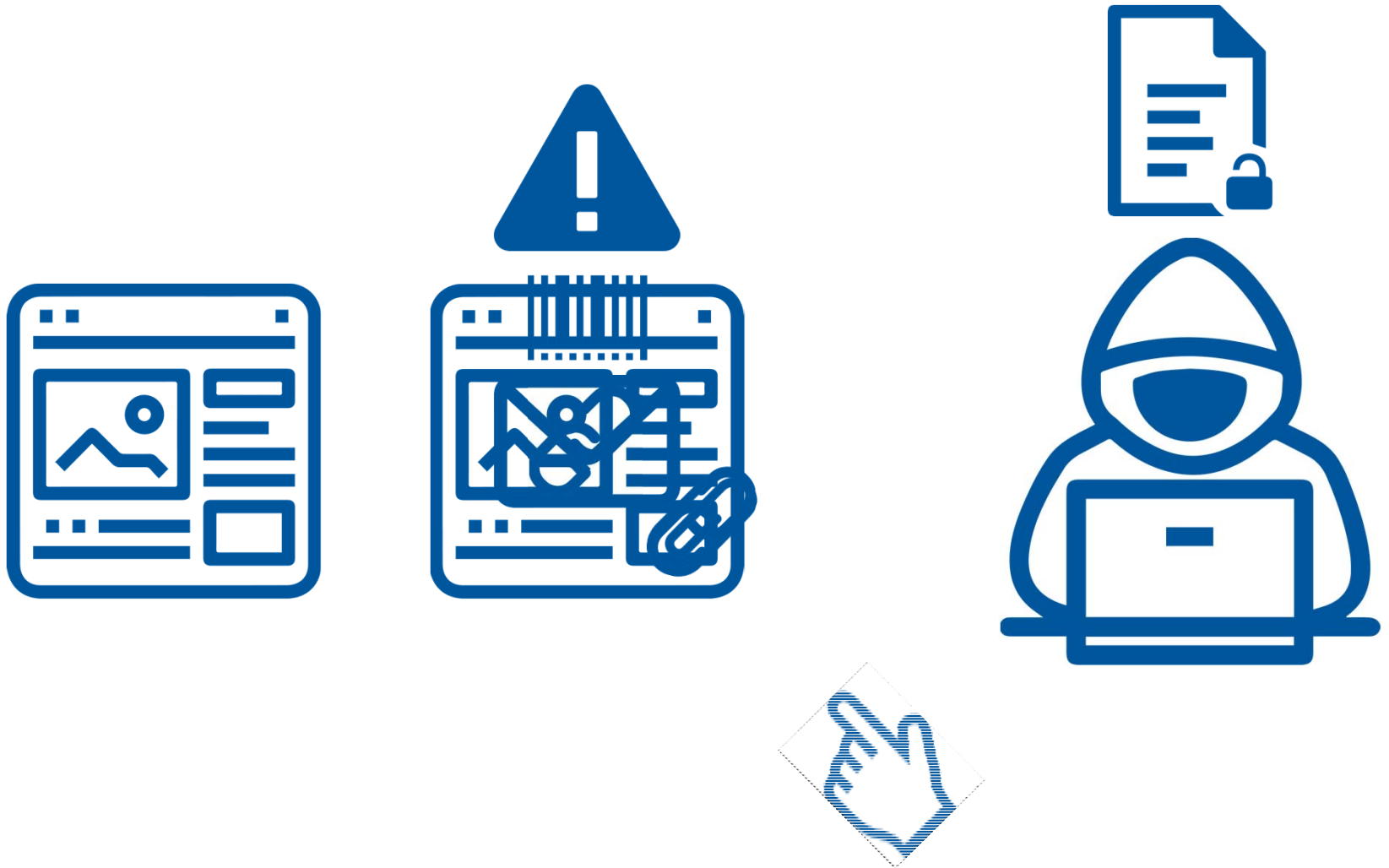
Informatics & Cybersecurity

ABC

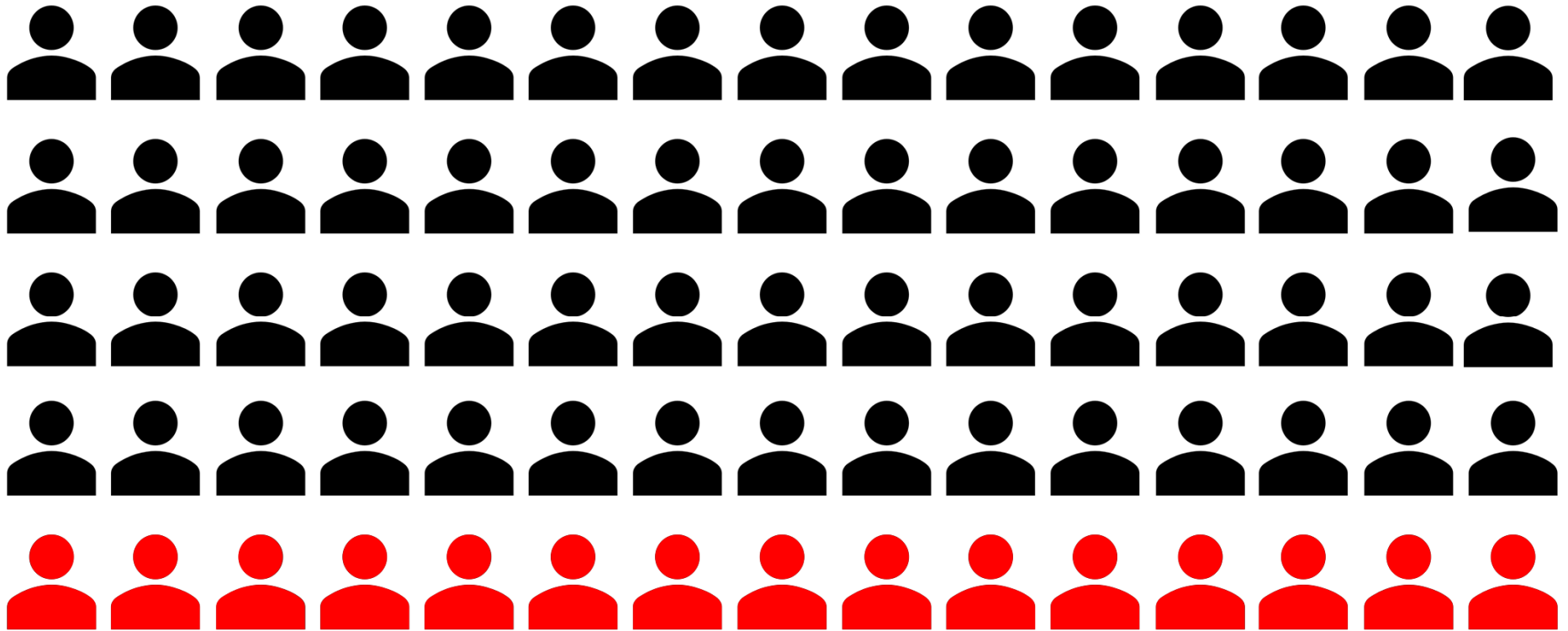


Phishing?





ABC

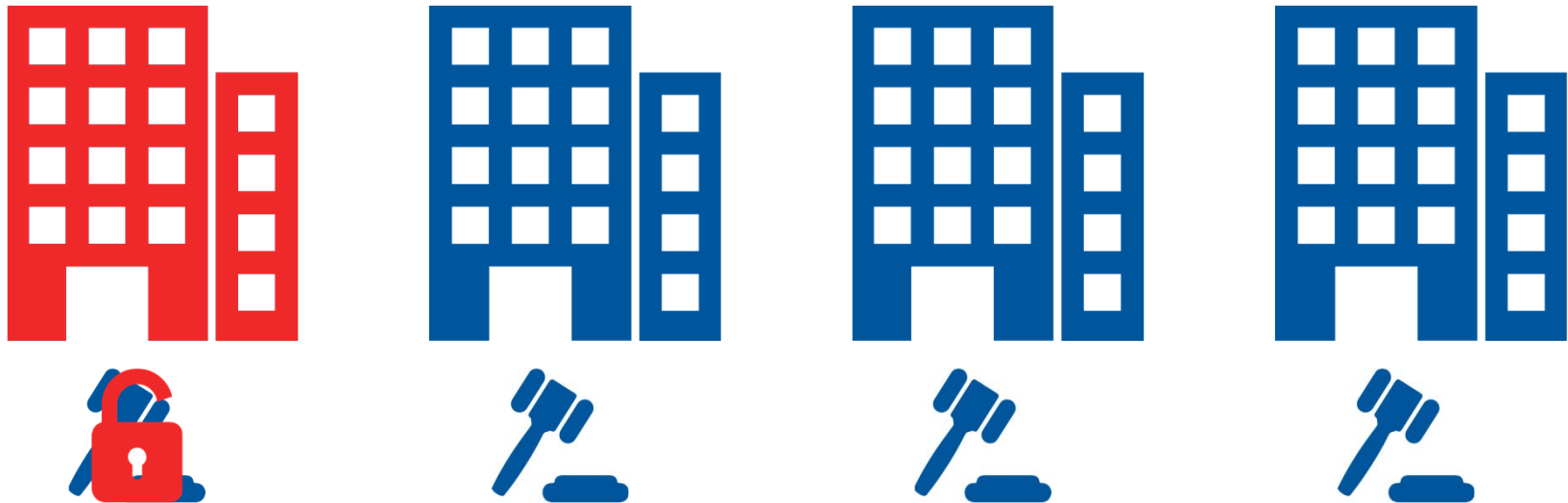


I am convinced that there are only two types of companies: those that have been hacked and those that will be. And even they are converging into one category: companies that have been hacked and will be hacked again.

- Robert Mueller

Former F.B.I. Director

1 In 4 Law Firms Are Victims Of A Data Breach



The average total cost of a data breach is \$3.92 million

- IBM

2019 Cost of a Data Breach Report





Sprint



Evernote



U.S. Customs and Border Protection



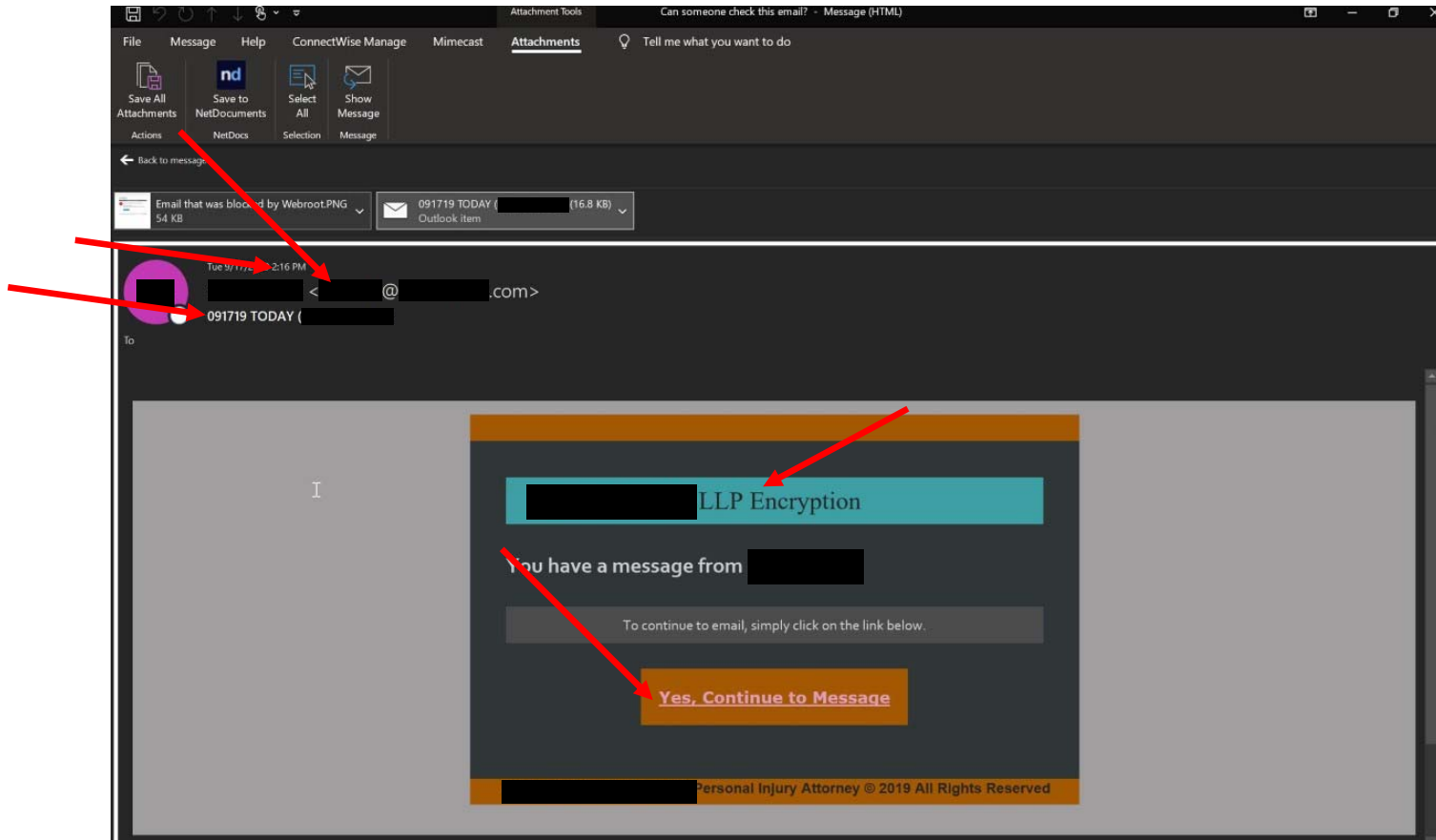
Quest Diagnostics™



Instagram



WhatsApp





Why Security Awareness Training?

Security Operations Center

- Patch systems
- Vulnerability Management
- Deploy antivirus
- Email targeted threat protection
- Remove privileged accounts
- Log Review
- Web Filtering
- Intrusion Prevention
- Security Awareness training and education
- Back up important files on an isolated network for recovery
- Password policies

Thank you.

owusu@kraftkennedy.com / (800) 523-3081
kraftkennedy.com

**Kraft
Kennedy**



Anatomy of an Account Takeover

From: Jerry Blaine <president@boost-mobi.site> 

Reply-To: Jerry Blaine <president@boost-mobi.site>

Date: Wednesday, November 21, 2018 at 1:59 PM

To: Daniel Reyes <DReyes@myldi.com> 

Subject: Request

Hi,

Got a moment? Give me your personal cell number.I need you to complete a task for me.

Thanks,

Jerry Blaine

Sent from my iPhone

Wire cut off time - Message (HTML) (Read-Only)




File Message Help Acrobat Tell me what you want to do

Delete Archive Reply Reply All Forward Done To Manager Team Email Reply & Delete

Quick Steps Move Tags Editing Speech Zoom

Wire cut off time

  .com>
To 

 Reply  Reply All  Forward 

10/25/2018

 I need you to pay the attached invoice for me today. What is the cut off time for outgoing wire transfers for both domestic and international payment? Please get back to me with details.



NOTICE – PRIVILEGED AND CONFIDENTIAL:
The information contained in this e-mail and attachment(s), if any, is legally protected pursuant to the Electronic Communications Privacy Act, 18 U.S.C. 2510, et seq., inter alia, may contain privileged and confidential information and may be protected by attorney client and work product privileges. This communication is intended only for the use of each individual named above. If you are not an intended recipient, or any employee or agent responsible for delivering the message to the intended recipient, you are notified that any dissemination or duplication of this e-mail is prohibited. There is and shall be no waiver of any privilege or confidence by your receipt of this transmission. If you received this e-mail in error, please immediately notify us by e-mail or collect telephone call and then completely destroy the

Invoice 100145R - CLMCLAW.pdf - Adobe Acrobat Pro DC

File Edit View Window Help

Home Tools Invoice 100145R - ... x

146%

Share

Invoice

Invoice no.: 100145R
Invoice date: Sep 12, 2018

Re: Engagement Letter dated September 12, 2018 between Jiamila Trading Limited and [REDACTED].

Description	Amount
Retainer	USD 91,354.26




Daniel Reyes

CISSP

New York, New York · 500+ connections

[Join to Connect](#)

 LDI Color ToolBox

 Devry University

LDI | **20**
COLOR TOOLBOX | YEARS



LDI Color ToolBox

Business Supplies and Equipment

Jericho, NY · 1,684 followers



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Ron Romano • 1st

Managing Director, Healthcare at LDI Color ToolBox
Greater New York City Area

George Zurich, Anna Kleyner, and 47 other shared connections

Message



Vito Lombardo • 1st

Service Manager LDI Color Toolbox
Greater New York City Area

George Zurich, Anna Kleyner, and 36 other shared connections

Message



Raymond Romano • 1st

Market Vice President / Partner LDI Color Toolbox
Greater New York City Area

Basil Stepanov, Suada Velija, and 65 other shared connections

Message



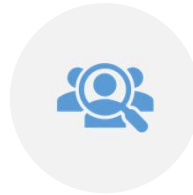
Jerry Blaine • 1st

CEO at LDI Color ToolBox
Greater New York City Area

Suada Velija, Mark Benhar, and 63 other shared connections

Message

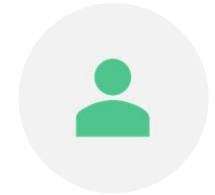
Steps Taken



IDENTIFY HOW AND WHEN THE
ATTACKER GAINED ACCESS TO
THE ACCOUNT



UNCOVER RULES AND LOGIN
LOCATIONS TO DETERMINE
WHERE THE ATTACKER WAS



2FA



USER TRAINING AND TESTING



CHANGE IN POLICY REGARDING
LARGE WIRE TRANSFERS
REQUIRING ADDITIONAL
VERBAL APPROVALS



- Daniel Reyes, CISSP
- Managing Director
- LDI CONNECT
- dreyes@myldi.com

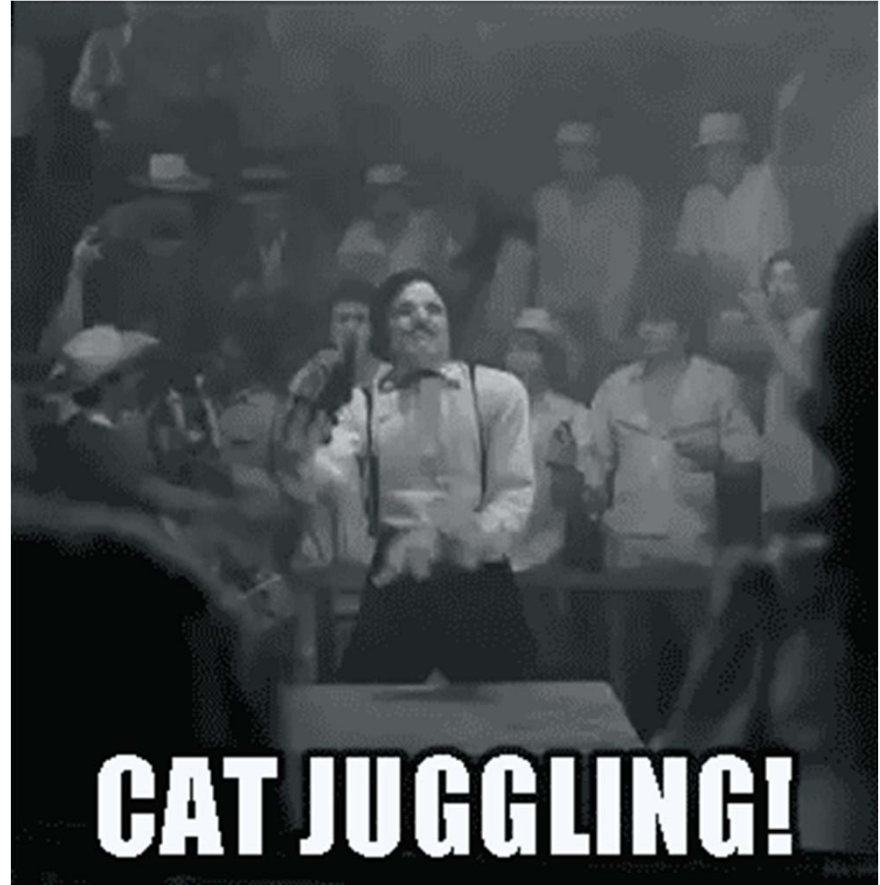
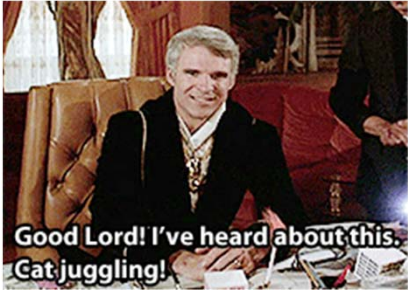


Placeholder for video clip re: data loss w Risk Committee

Placeholder for video clip re: data loss with Operating Committee

Placeholder for Operating Committee Risk Matrix

Placeholder for audio clip re: call about malware





Me saying goodnight to
the FBI agent on my
phone



memes
@memeprovider

puts hand over webcam

FBI agent: where'd he go...

takes hand off webcam

Me: PEEKABOO

FBI agent: dam haha you got me
bro

7:14 pm · 08 Feb 18

66.6K Retweets 244K Likes



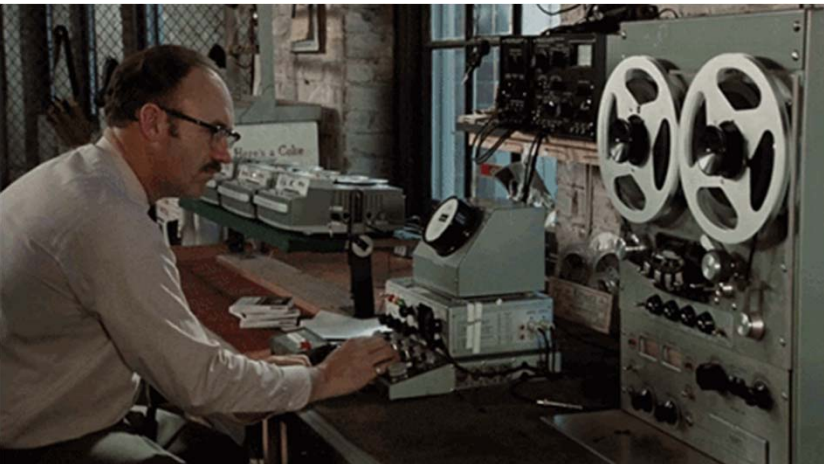
a w a b
@iAwab

*kisses laptop webcam before
bed*

goodnight mr fbi man

5:00 PM · Jan 19, 2018

109,207 Retweets 289,822 Likes

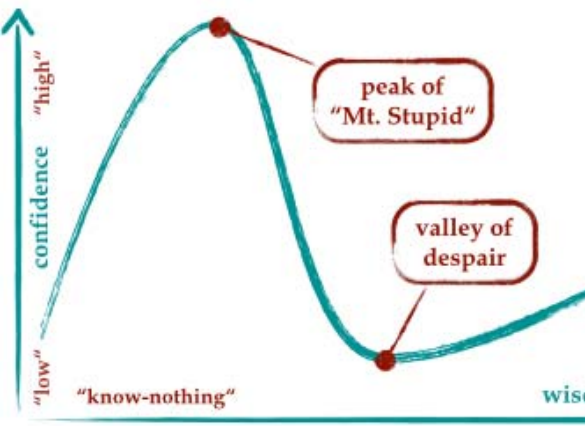








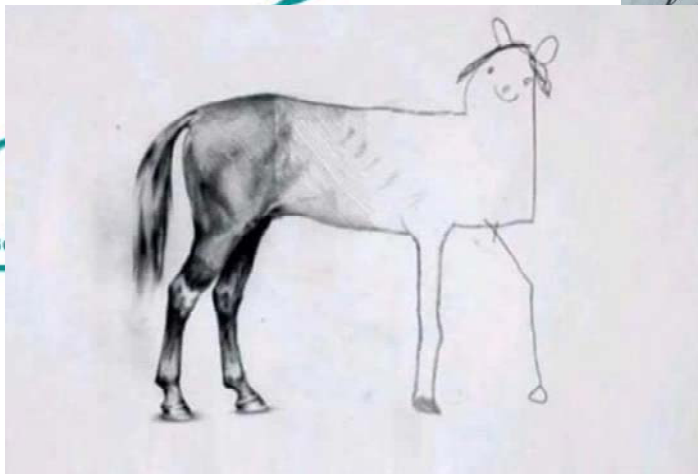
Dunning-Kruger effect



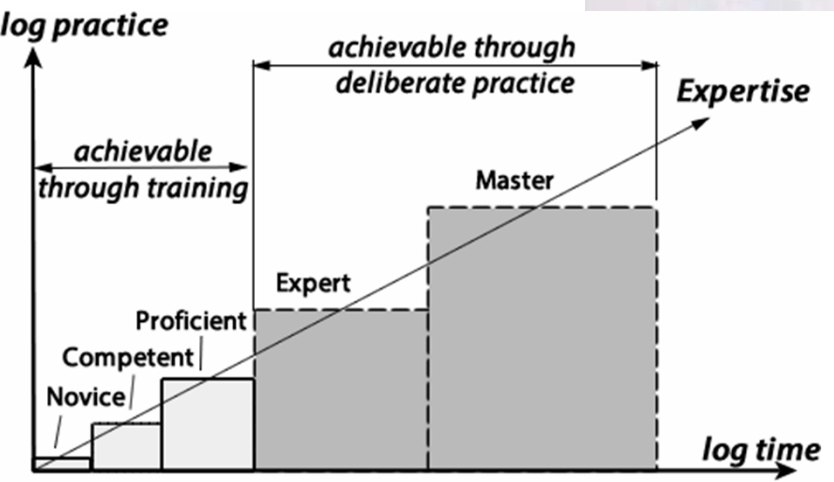
plateau of sustainability

peak of "Mt. Stupid"

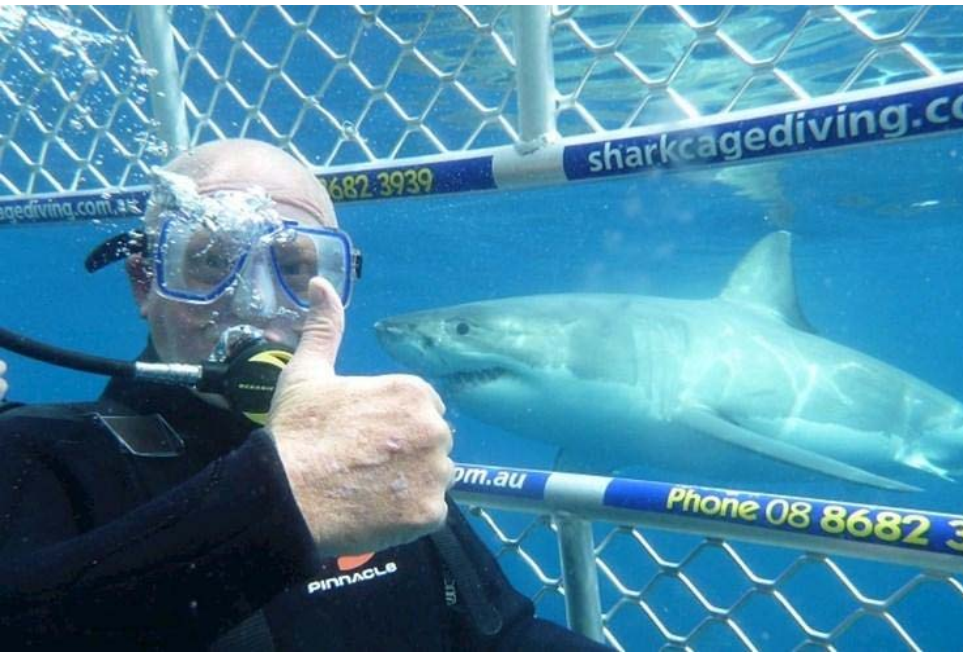
valley of despair



<http://www.understandinginnovation.wordpress.com>

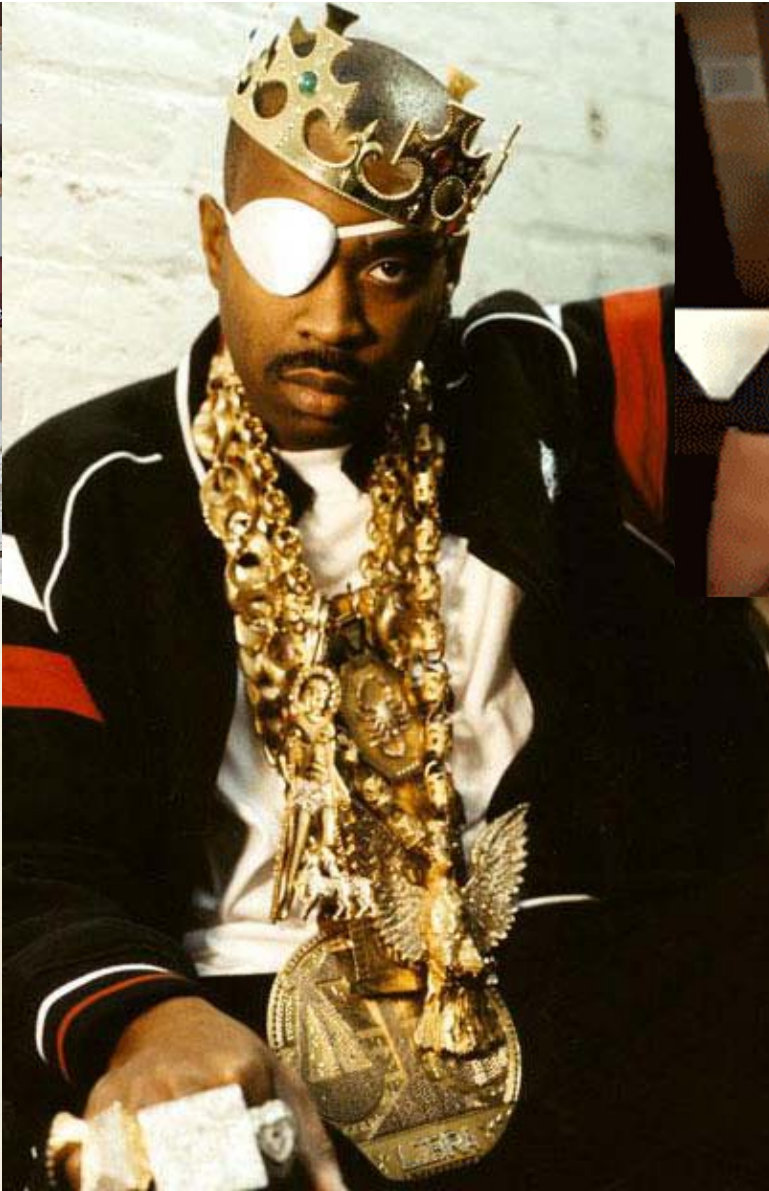


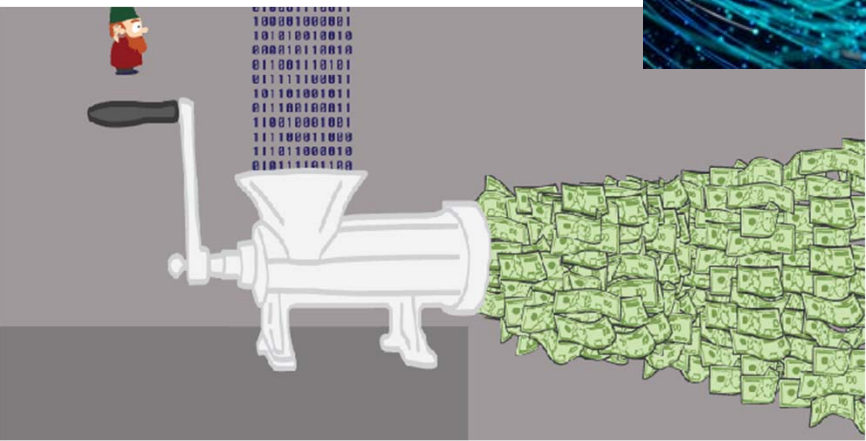






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