



\$4B/year

Estimated fraud loss in US

3.5% U.S adult population scammed/year Average reported loss ~\$2300

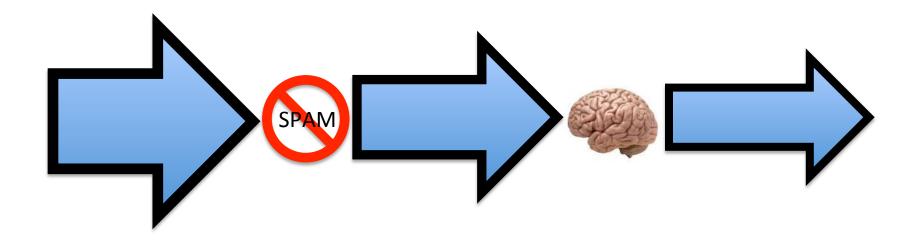
Scams

Identity Theft

ATO + Credential fraud

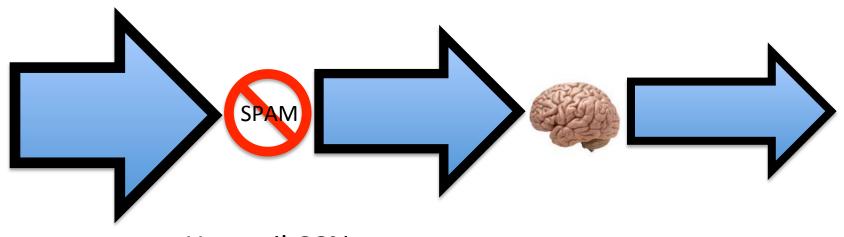
Victim initiated payments







Block rates



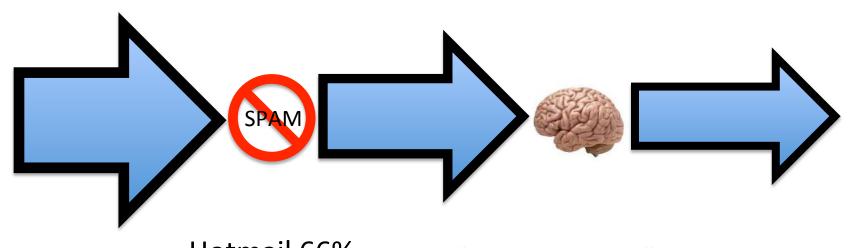
Hotmail 66%

Yahoo 70%

Gmail 10-98%



Block rates

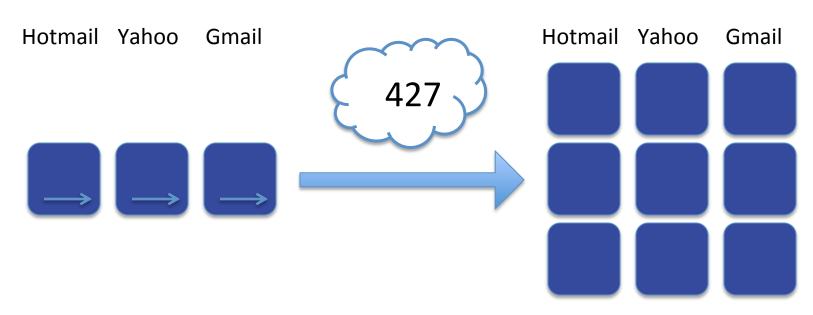


Hotmail 66% Yahoo 70% Gmail 10-98%

"Very Nigerian" 94%
"Sneaky" 37%

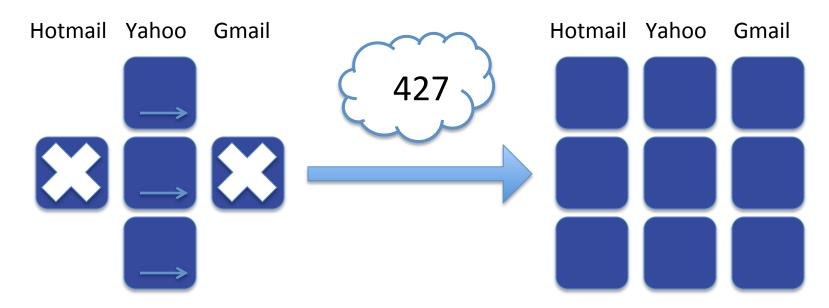






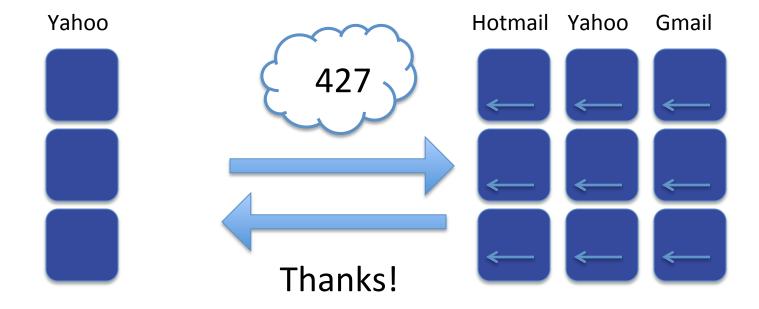






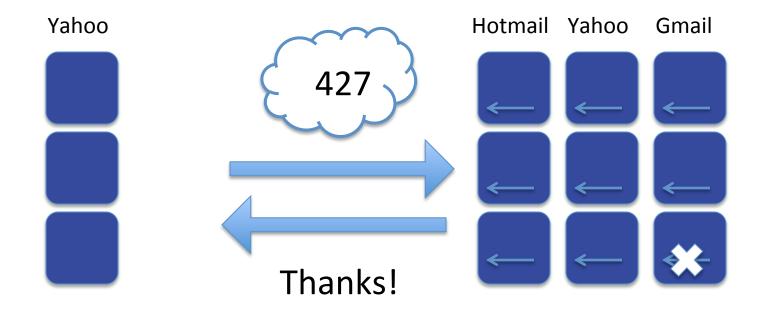




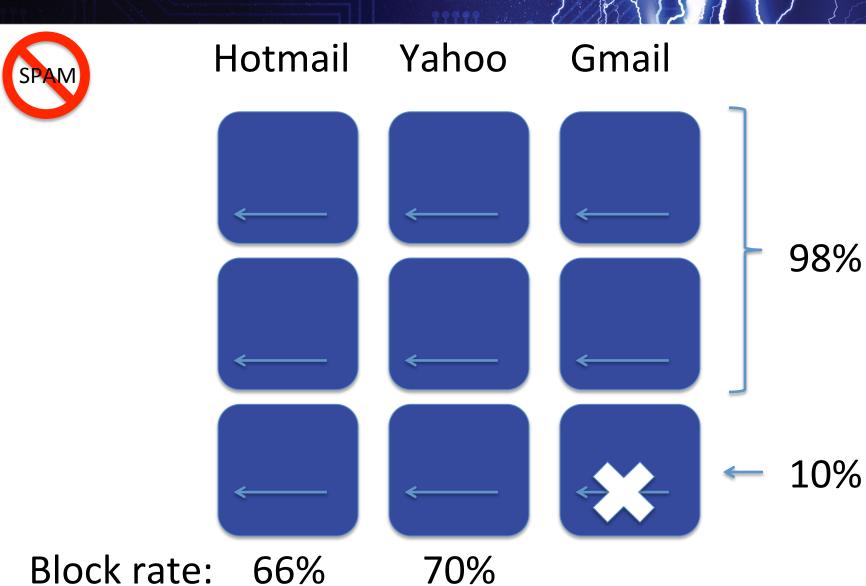
















"Does this look risky to you?"





"What type of risk is this primarily associated with?"





You have exceeded your mailbox quota. Your account will be blocked 8 AM tomorrow unless you request more space. You can request more space by clicking here.





- OThe recipient may get a computer virus.
- OThe recipient may lose his password.
- OThis may be a scam aimed at stealing your money.
- OThere is no risk.
- OThe recipient may get unwanted advertisements.
- OThe recipient's account may be blocked if she does not pay attention.





Correct answer

- OThe recipient may get a computer virus.
- OThe recipient may lose his password.
- OThis may be a scam aimed at stealing your money.
- OThere is no risk.
- OThe recipient may get unwanted advertisements.
- OThe recipient's account may be blocked if she does not pay attention.





Reasonable answer

- O The recipient may get a computer virus.
- OThe recipient may lose his password.
- This may be a scam aimed at stealing your money.
- OThere is no risk.
- OThe recipient may get unwanted advertisements.
- OThe recipient's account may be blocked if she does not pay attention.

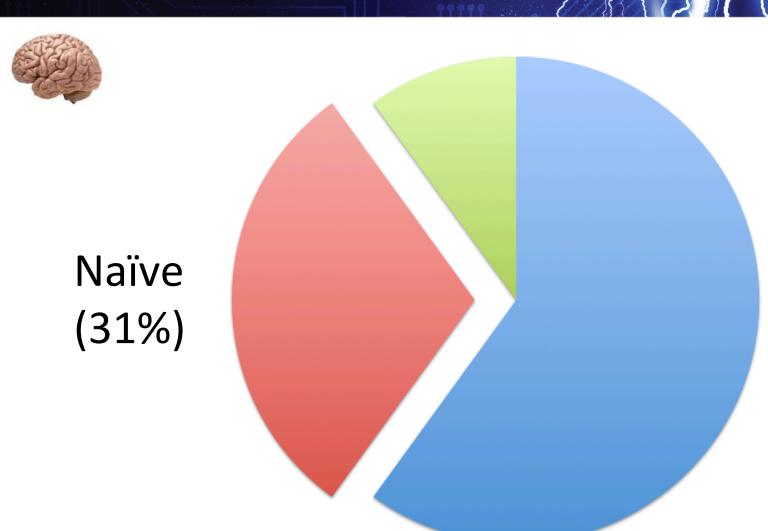




Naive answer

- OThe recipient may get a computer virus.
- OThe recipient may lose his password.
- OThis may be a scam aimed at stealing your money.
- OThere is no risk.
- OThe recipient may get unwanted advertisements.
- OThe recipient's account may be blocked if she does not pay attention.

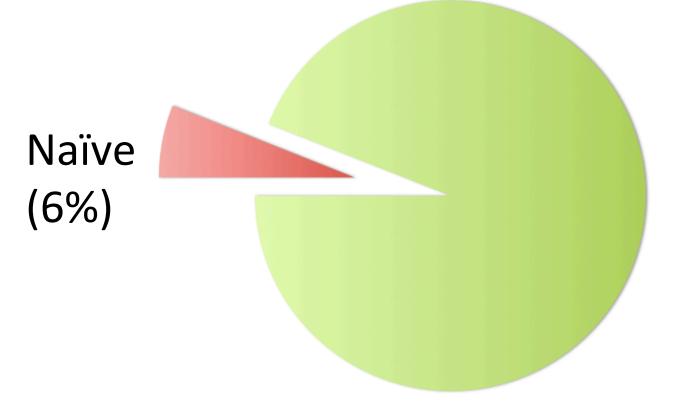








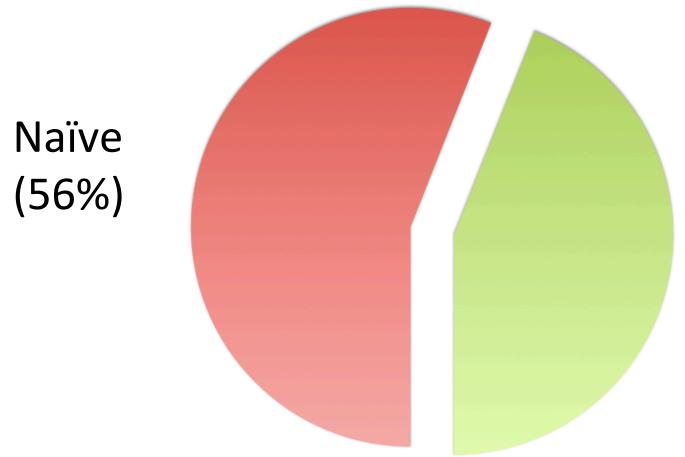
A "traditional" Nigerian Scam







Targeted scam with complex structure







"I know how to spot online scams"



Email security and user awareness

