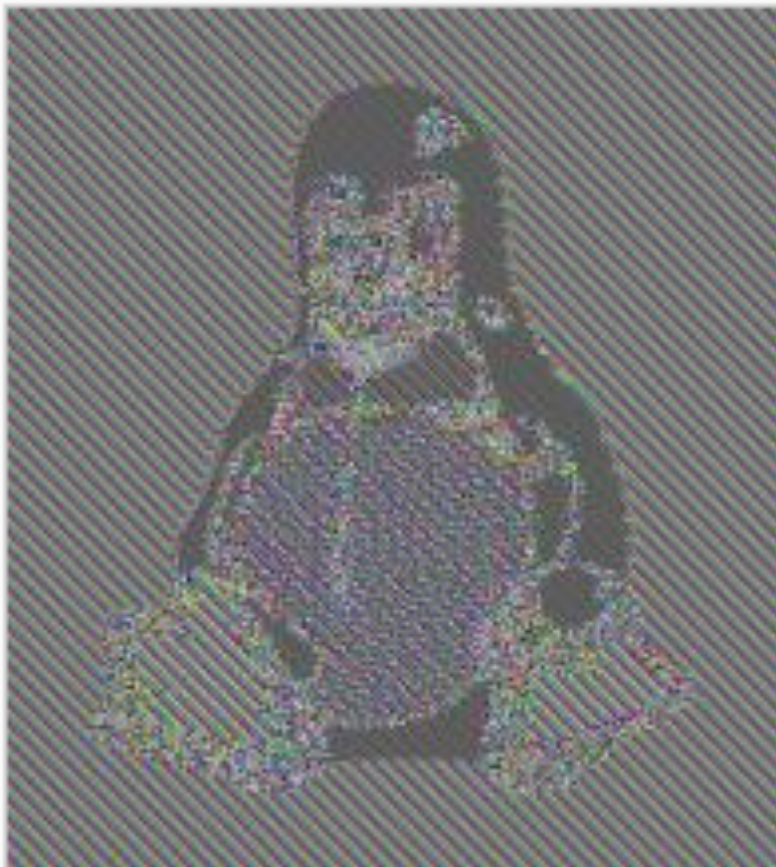


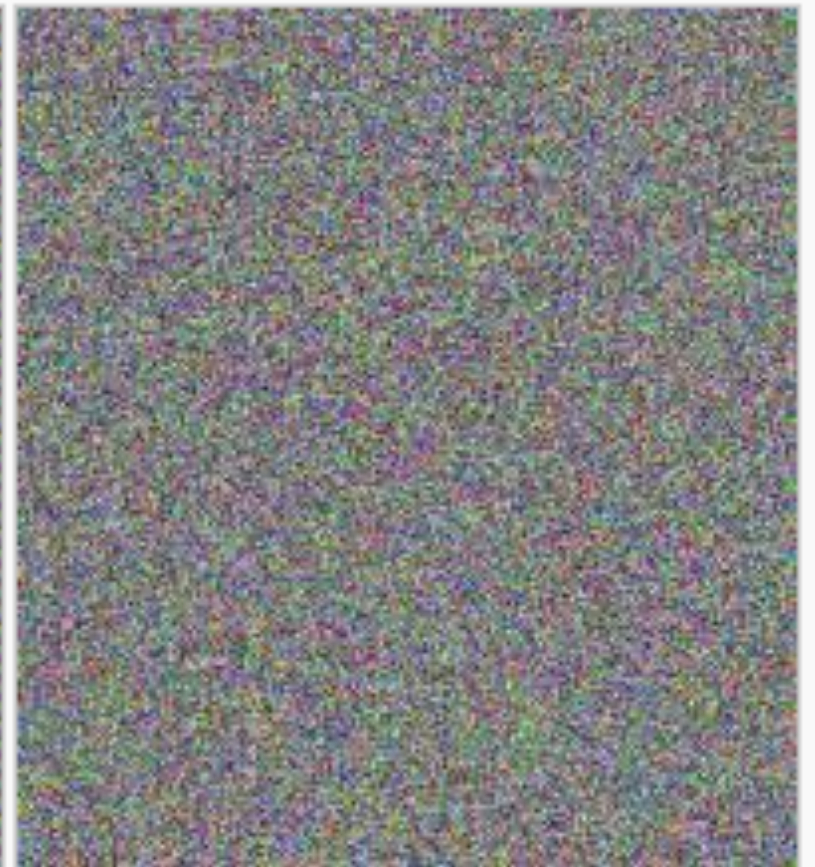
How bad is ECB mode with a large data?



Original image



Encrypted using ECB mode



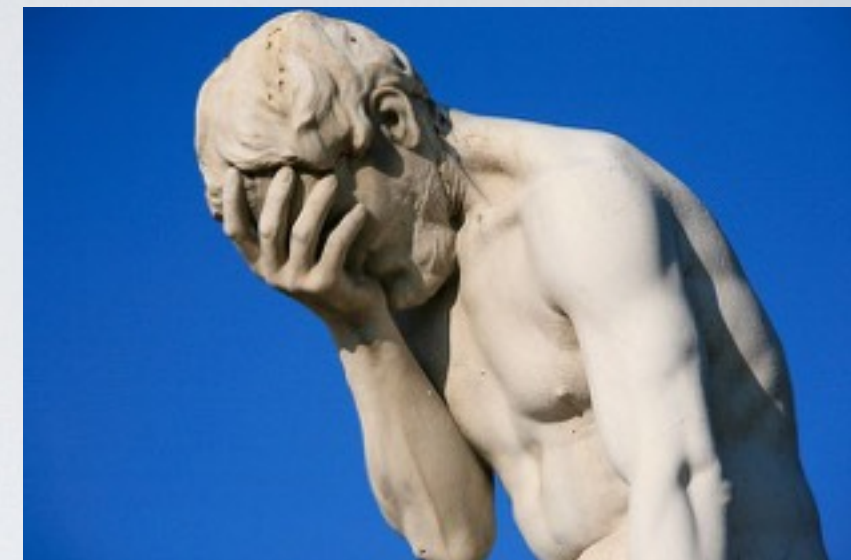
Modes other than ECB result in pseudo-randomness

source: *Wikimedia*

HACKERS RECENTLY LEAKED **153 MILLION** ADOBE USER EMAILS, ENCRYPTED PASSWORDS, AND PASSWORD HINTS. ADOBE ENCRYPTED THE PASSWORDS IMPROPERLY, MISUSING BLOCK-MODE 3DES. THE RESULT IS SOMETHING WONDERFUL:

USER	PASSWORD	HINT	
4e18acc1ab27a2d6		WEATHER VANE SWORD	<input type="text"/>
4e18acc1ab27a2d6			<input type="text"/>
4e18acc1ab27a2d6	a0a2876eb1ea1fca	NAME 1	<input type="text"/>
8babbb6299e06eb6d		DUH	
8babbb6299e06eb6d	a0a2876eb1ea1fca		<input type="text"/>
8babbb6299e06eb6d	85e9da81a8a78adc	57	
4e18acc1ab27a2d6		FAVORITE OF 12 APOSTLES	
1ab29ae86da6e5ca	7a2d6a0a2876eb1e	WITH YOUR OWN HAND YOU HAVE DONE ALL THIS	
a1f9b2b6299e7a2b	e0dec1e6ab797397	SEXY EARLOBES	<input type="text"/>
a1f9b2b6299e7a2b	617ab0277727ad85	BEST TOS EPISODE	<input type="text"/>
39738b7adb0b8af7	617ab0277727ad85	SUGARLAND	
1ab29ae86da6e5ca		NAME + JERSEY #	
877ab7889d3862b1		ALPHA	<input type="text"/>
877ab7889d3862b1			<input type="text"/>
877ab7889d3862b1			<input type="text"/>
877ab7889d3862b1		OBVIOUS	<input type="text"/>
877ab7889d3862b1		MICHAEL JACKSON	<input type="text"/>
38a7c9279codeb44	9dca1d79d4dec6d5		
38a7c9279codeb44	9dca1d79d4dec6d5	HE DID THE MASH, HE DID THE	<input type="text"/>
38a7c9279codeb44		PURLOINED	<input type="text"/>
08ae5745a7b7af7a	9dca1d79d4dec6d5	FAV. LATER-3 POKEMON	

THE GREATEST CROSSWORD PUZZLE
IN THE HISTORY OF THE WORLD



source: XKCD