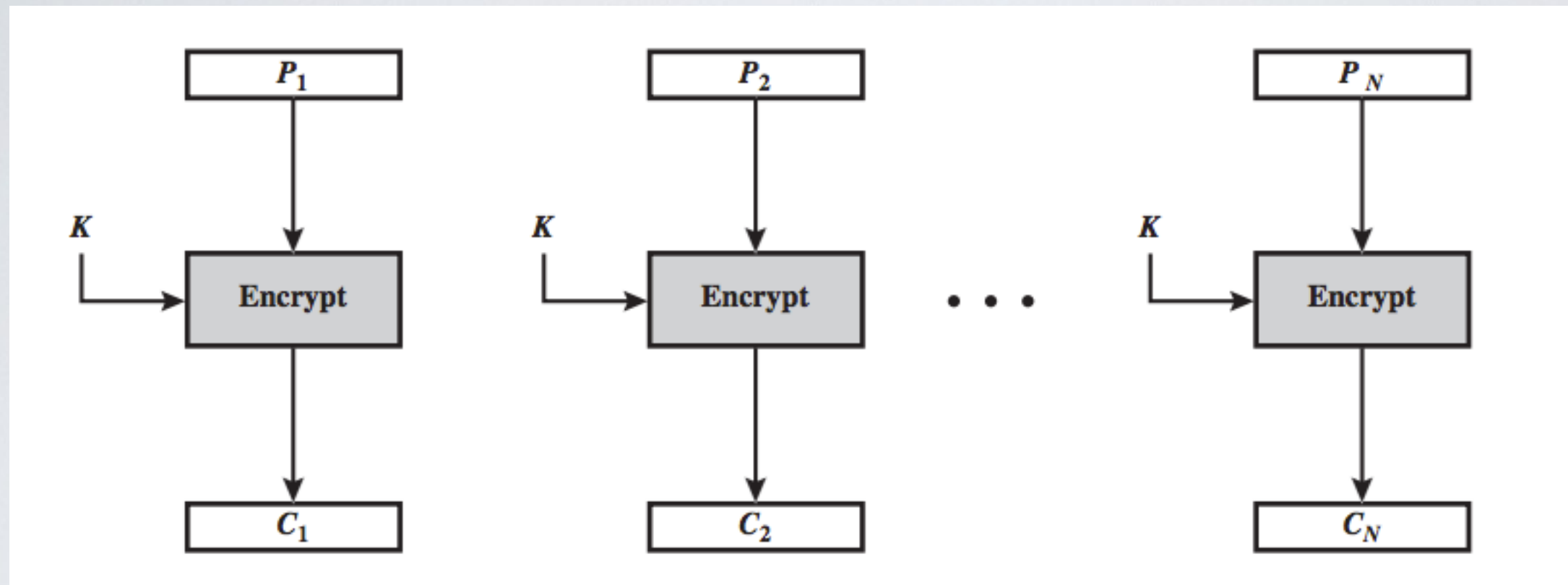


ECB - Electronic Code Book



Each plaintext block is encrypted independently with the key

✓ Block can be encrypted in parallel

⦿ The same block is encrypted to the same ciphertext

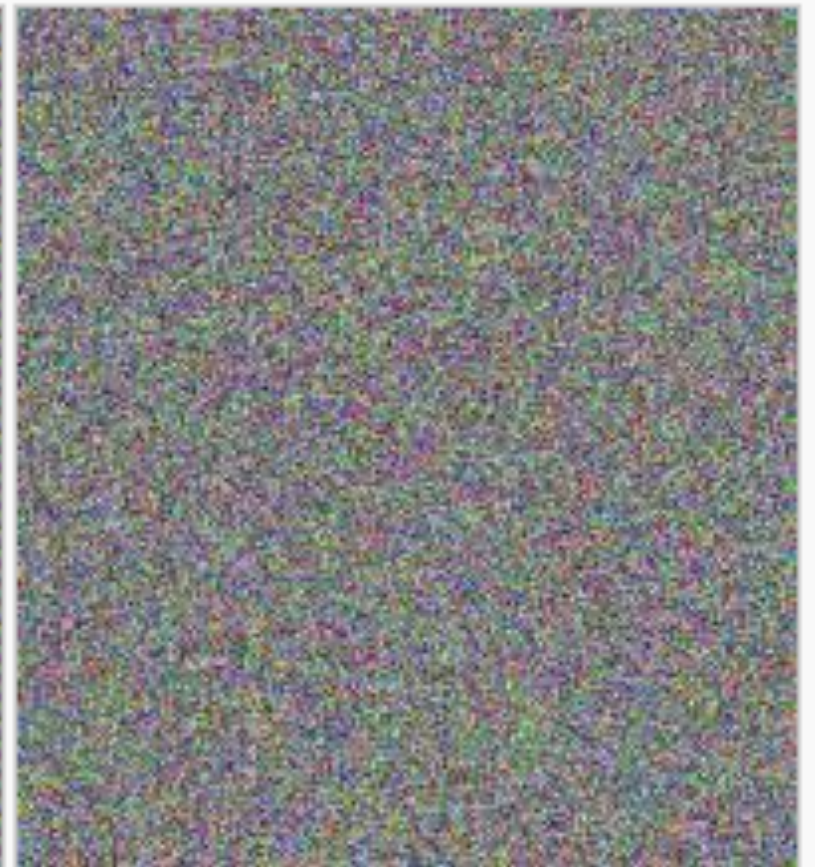
How bad is ECB mode with a large data?



Original image



Encrypted using ECB mode



Modes other than ECB result in pseudo-randomness

source: *Wikimedia*