Insurance: Process claims   Postal: Payment and delivery

Block Chain Basic L8:3

1 Cryptography:

Plain text = My name is Abdul Rehman

(Algorithm)

↓

Cyphertext   n2 . oby - gt - bcevs - Ajnh

} - Encryption

Caesar Cypher :- Replace the character with the next ~~ASCII~~ char

My name is Ewan
nz obnf jt Fxbo

Mono ~~alphabetic~~ alphabetic Substitution:

m -> x y -> e n -> c : Predefined List ⌊___⌋ | Key	x e n ....
	to decrypt the code by hackers calculated the frequency of used letters patterns of the word & the ~~words~~ letters with a limited length word to break this algo.

One time pad :-

Generate new key for each cypher text.

Symmetric / Asymmetric

Same key

[text] => key => [cipher] => key => [text]
encrypt

Checksum checks if the data is corrupted or not

In block chain we are concerned with if data is tempered or not.