Lesson 4 security and immutability

* Immutability (not capable of or susceptible to change)
* Now you have to trust 3third parties, for example you trust facebook to store your personal information, same with hospital you trust them to store critical information.
* Bitcoin=trustless, you trust in math, the protocol, things that cant be bribed or hacked
* To achieve trustless, you need security on a global level, that you have in blockchain.
* Breaking informational silos, you have alot of different it companies with their own infrastructure. F.eks. one company use microsoft, and another have amazon aws. There are no easy way for them to interact. But with bockchain they all use the same infrastructure and you break the informational silos. AND THTAS WHY IT CAN BE GLOBAL, everyone with the same infrastructure.
* One project before blockchain have been able to break those informational silos and unite everyone under the same infrastructure and that is the internet. Bu ton this global infrastructure everyone is building their own informational silos again.
* Internet is also all about math and being a protocol, but internet is a informational protocol, while bitcoin is a value protocol.
* Immutability very important because you dont want a transaction to dissapear. And its important for all applications that needs to be tracked, accounted and more.