



El futuro digital
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Blockchain

& analítica de datos
para industrias digitales



Conceptos básicos de blockchain





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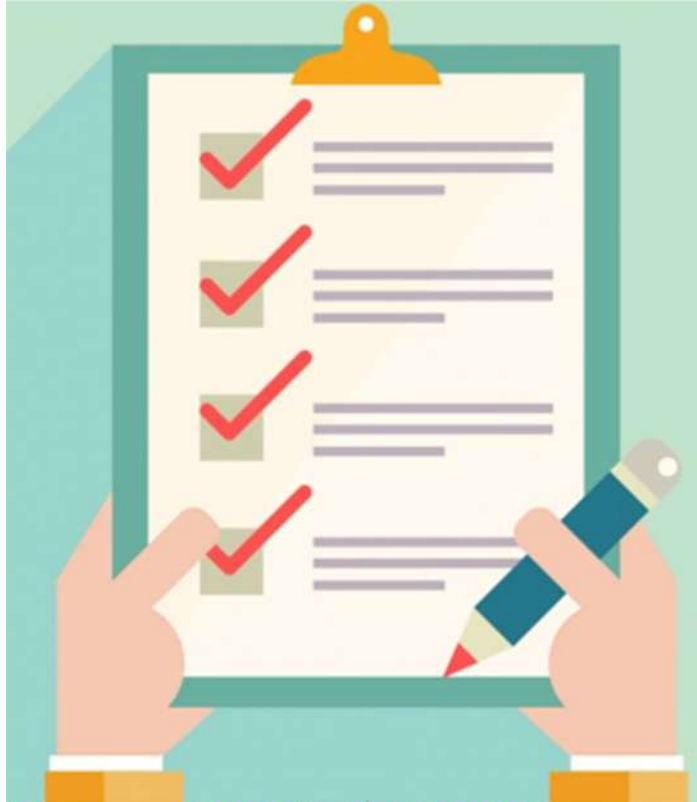
Agenda

- Conceptos básicos
- Historia internet
- Definición blockchain
- Características de blockchain



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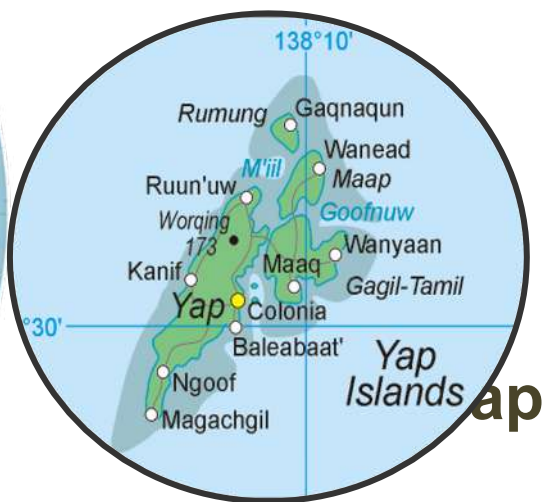




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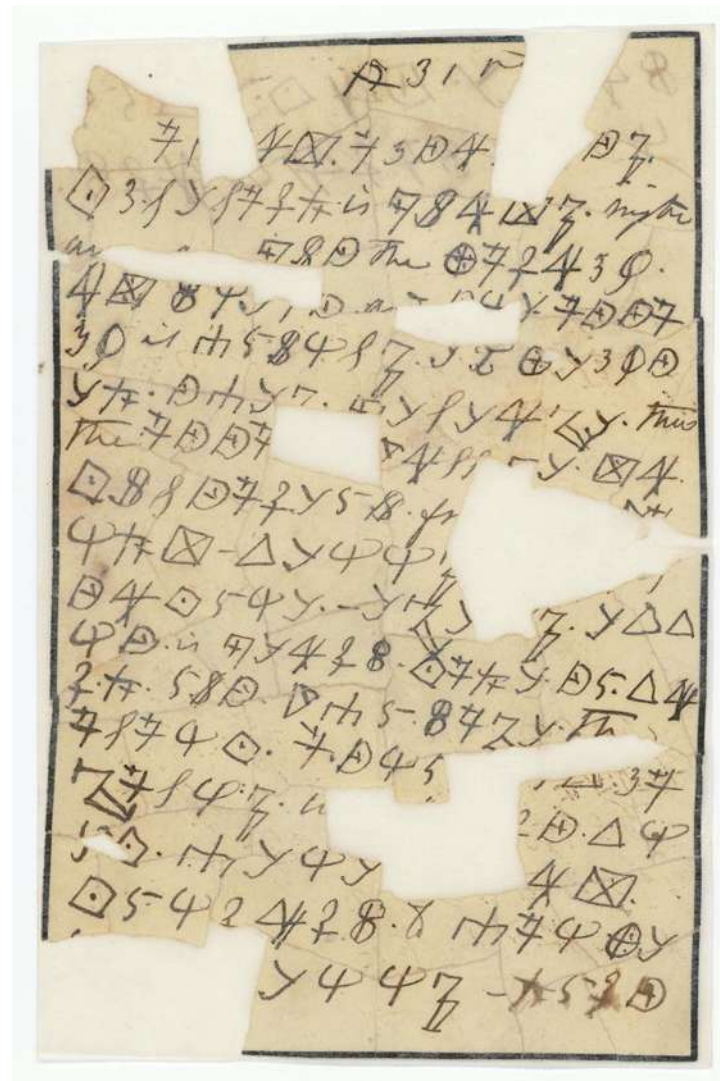


Consenso



Libro mayor





Criptografía



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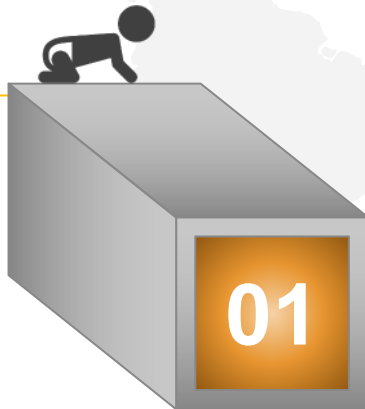
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WIKIPEDIA
La enciclopedia libre



1990



Internet de la información

INTERNET

Your Internet ID: monopoly@host.yab.com

Getting Files

- [A] Find Files on the Net (Archie)
- [F] Get Files from the Net (FTP)
- [Y] File Transfers for Net Account

Entertainment

- [M] MUDs (Games)
- [I] Internet Teleconference (IRC)
- [J] Tintin Interface for MUDs

Miscellaneous

- [B] Unix Shell Access (BASH)
- [T] Connect to Other Sites (Telnet)

SLIP Access (Mosaic, NetScape, etc)

- [S] SLIP - Graphical Interface
- [P] PPP - Point-to-Point Protocol

Finding Information

- [G] Search for Information (Gopher)
- [W] Hypertext Search (WWW)
- [Q] Query About Someone (Finger)

Messages

- [E] Internet E-Mail
- [U] Internet Message Areas (Usenet)

Help

- [D] Detailed Reference Text
- [H] Help Using Internet Functions
- [K] If You're Stuck at "Password"
- [C] How To Configure SLIP Access

Your Choice (A,B,C,D,E,F,G,H,I,J,K,M,P,Q,S,T,U,W,Y or X)? :
(N)onstop, (Q)uit, or (C)ontinue?
Menu: <Ctrl R-Shift>

2400 8N1

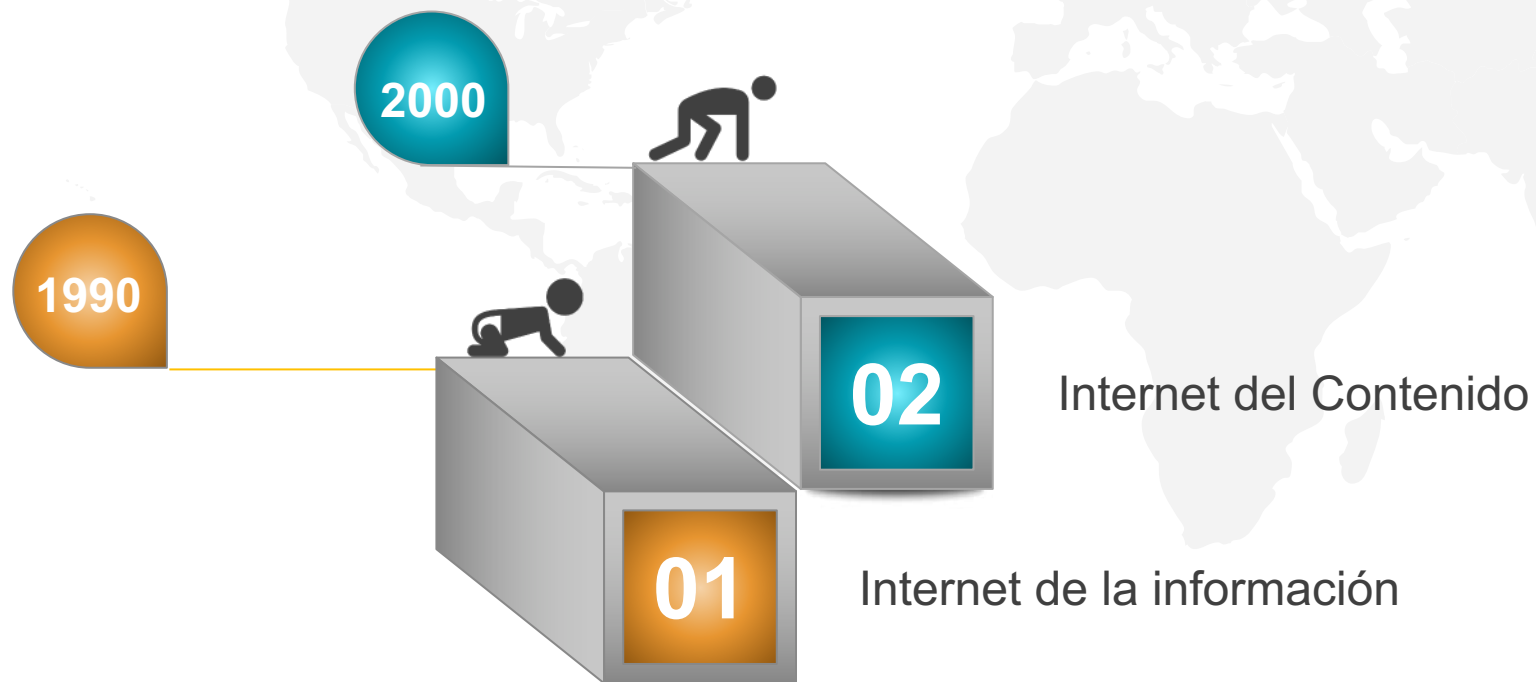
VT100

Online



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Spotify®

NETFLIX



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Ares 2.1.1.3035 [Search] - 5 DL 33.77KB/sec <Online 13:10>

Internet Library Screen Search Transfer Chat Control Panel

Search for Audio files

New search karsh kale realize (245)

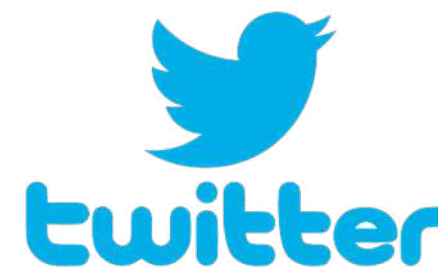
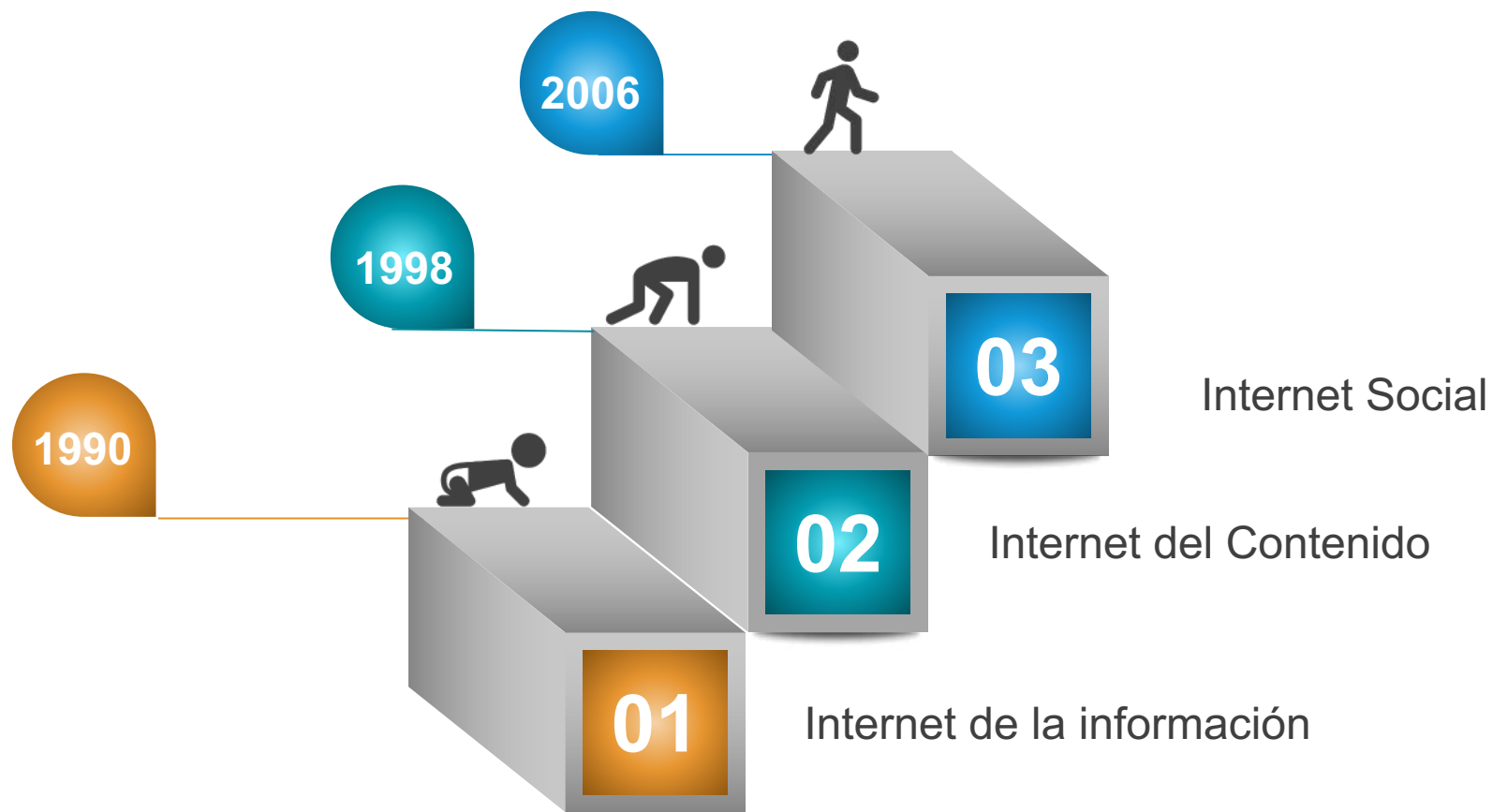
Title	Artist	Album	Genre	Q...	Length	Size	Status	User	Filename
What i want (bob sinc...	Karsh Kale	Realize		320	5:22	12,600 KB	☆	dht548c@????	fireball what i want (bob sindar remix)299.mp3
Free Fall	Karsh Kale	Realize		267	5:11	10,572 KB	☆	dht78f7@????	05 - free fall.mp3
08 - Home	Karsh Kale	Realize 2001		256	4:53	9,151 KB	☆☆	3 Users	Karsh Kale - Realize (2001) - 08 - Home.mp3
Fabric	Karsh Kale	Realize	Ethnic	192	5:22	7,559 KB	☆☆	3 Users	12 - fabric410.mp3
Light up the love	Karsh Kale	Realize		192	4:43	6,659 KB	☆☆	3 Users	karsh kale - light up the love(2).mp3
Satellite	Karsh Kale	Realize	Ethnic	192	5:09	7,255 KB	☆☆	3 Users	06 - Satellite.mp3
Longing	Karsh Kale	Realize		192	8:03	11,340 KB	☆☆	3 Users	karsh kale - longing.mp3
Distance	Karsh Kale	Realize	techno	192	5:27	7,667 KB	☆☆	5 Users	02 - distance.mp3
Tour guide	Karsh Kale	Realize	Ethnic	192	4:40	6,566 KB	☆☆	3 Users	karsh kale - tour guide.mp3
Longing	Karsh Kale	Realize		192	8:03	11,340 KB	☆☆	4 Users	karsh kale - longing0.mp3
Satellite	Karsh Kale	Realize	Ethnic...	192	5:09	7,255 KB	☆☆	3 Users	karsh kale - satellite(2).mp3
Home	Karsh Kale	Realize		192	4:52	6,865 KB	☆☆	2 Users	05 home.mp3
Distance	Karsh Kale	Realize		192	5:27	7,667 KB	☆☆	2 Users	02 - distance.mp3
One Step Beyond	Karsh Kale	Realize	Electro...	192	6:06	8,625 KB	☆☆	3 Users	karsh kale - realize - 07 - one step beyond.mp3
Conception	Karsh Kale	Realize	Ethnic	192	4:35	6,447 KB	☆☆	3 Users	09 conception.mp3
Light up the love	Karsh Kale	Realize	Ethnic	192	4:43	6,655 KB	☆☆	2 Users	10 - Light up the love.mp3
One step beyond	Karsh Kale	Realize	Ethnic...	192	6:06	8,580 KB	☆☆	2 Users	karsh kale - one step beyond(2).mp3
Distance	Karsh Kale	Realize		192	5:27	7,667 KB	☆☆	2 Users	02 - distance.mp3
Light up the love	Karsh Kale	Realize		192	4:43	6,659 KB	☆☆	2 Users	karsh kale - light up the love.mp3
Empty hands	Karsh Kale	Realize		192	6:24	9,050 KB	☆☆	2 Users	01 - empty hands.mp3
Empty hands	Karsh Kale	Realize		192	6:24	9,005 KB	☆☆	3 Users	01 - empty hands.mp3
Empty hands	Karsh Kale	Realize	Ethnic	192	6:24	9,045 KB	☆☆	2 Users	01 - empty hands(2).mp3
Deepest blue	Karsh Kale	Realize	Ethnic	192	4:05	5,765 KB	☆☆	2 Users	11 - Deepest blue.mp3
Saajana	Karsh Kale	Realize		192	6:05	8,577 KB	☆☆	2 Users	08 - Saajana.mp3
Fabric	Karsh Kale	Realize		192	5:22	7,563 KB	☆☆	3 Users	fabric.mp3
Distance	Karsh Kale	Realize		192	5:27	7,667 KB	☆☆	2 Users	02 - distance.mp3
Tour guide	Karsh Kale	Realize		192	4:40	6,570 KB	☆☆	2 Users	03 - tour guide(2).mp3
One step beyond	Karsh Kale	Realize	Ethnic	192	6:06	8,580 KB	☆☆	2 Users	07 - one step beyond.mp3
Light up the love	Karsh Kale	Realize		192	4:43	6,655 KB	☆☆	2 Users	karsh kale - light up the love(2).mp3
Saajana	Karsh Kale	Realize	Ethnic	192	6:05	8,577 KB	☆☆	3 Users	08 - saajana.mp3
Anja	Karsh Kale	Realize	Ethnic	192	6:09	8,671 KB	☆☆	2 Users	04 - anja.mp3
Empty hands	Karsh Kale	Realize	Ethnic	192	6:24	9,005 KB	☆☆	3 Users	01 - empty hands.mp3
Home	Karsh Kale	Realize	Ethnic	192	4:52	6,865 KB	☆☆	2 Users	05 - home123.mp3
Saajana	Karsh Kale	Realize		192	6:05	8,577 KB	☆☆	2 Users	08 - saajana.mp3
Empty hands	Karsh Kale	Realize		192	6:24	9,005 KB	☆☆	dht027f@????	01 - Empty hands.mp3
Satellite	Karsh Kale	Realize		192	5:09	7,255 KB	☆☆	2 Users	06 - satellite.mp3
Light up the love	Karsh Kale	Realize		192	4:43	6,659 KB	☆☆	2 Users	10 - light up the love.mp3
Home	Karsh Kale	Realize		192	4:52	6,865 KB	☆☆	dht5088@????	05 - Home.mp3
Satellite	Karsh Kale	Realize		192	5:09	7,255 KB	☆☆	2 Users	Satellite.mp3
One step beyond	Karsh Kale	Realize	Ethnic...	192	6:06	8,580 KB	☆☆	dht57c6@????	karsh kale - one step beyond.mp3

12:54 245 (352) results for karsh kale

Filter

karsh kale - satellite 2

0:10 / 5:09

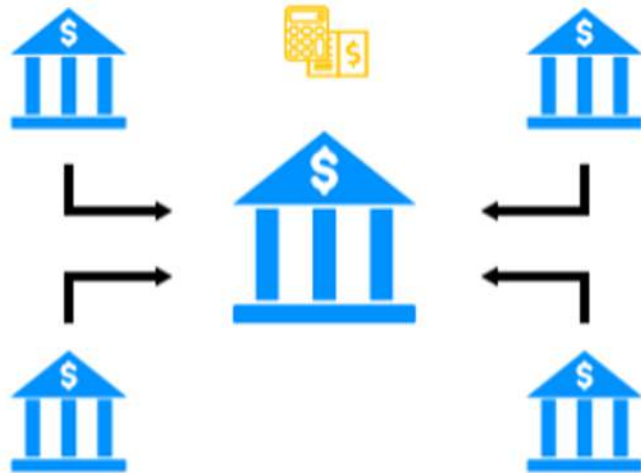




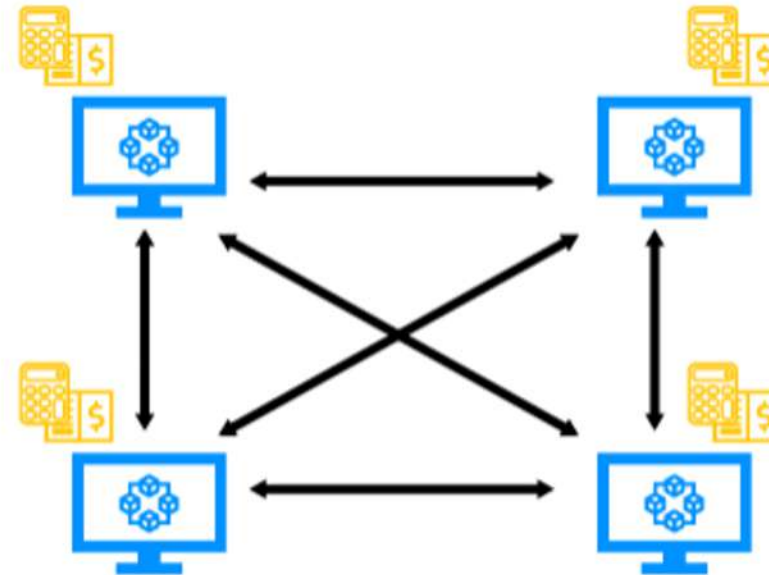




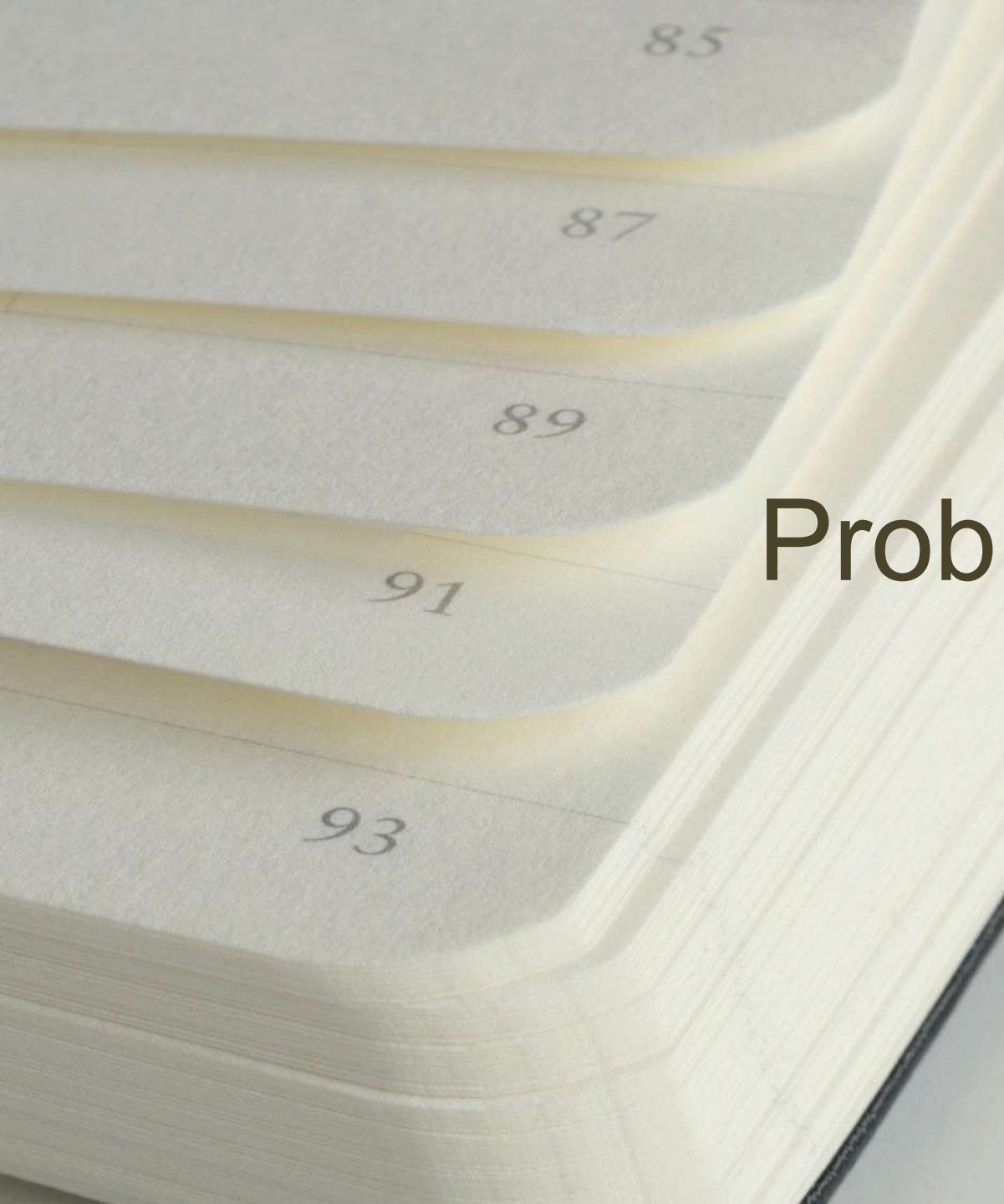
Bitcoin



Sistema financiero
tradicional



Sistema financiero
descentralizado



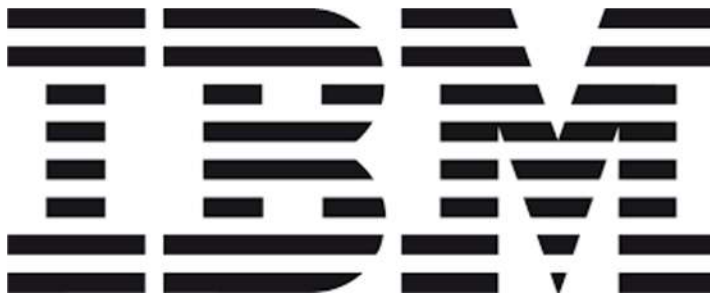
Problema



The image is a conceptual composition. In the center, two hands are shown shaking, symbolizing agreement or trust. The hands are rendered in a realistic, slightly desaturated style. Overlaid on this is a complex digital graphic consisting of a grid of teal-colored squares and lines, with numerous white circular dots of varying sizes scattered throughout, resembling a network or data visualization. The background is a deep blue with a subtle pattern of white stars, giving it a cosmic or technological feel. The word 'CONFIANZA' is written in a clean, white, sans-serif font across the middle of the handshake.

CONFIANZA

Blockchain es un libro mayor compartido e inalterable que facilita el proceso de registrar transacciones y rastrear activos dentro de una red empresarial. Un activo puede ser tangible (una casa, un coche, dinero en efectivo, terrenos) o intangible (propiedad intelectual, patentes, derechos de autor, marcas). Prácticamente cualquier cosa de valor puede ser rastreada y comercializada en una red blockchain, reduciendo el riesgo y los costos para todos los involucrados.



El término Blockchain engloba un conjunto de tecnologías que permiten registrar de forma segura información mediante transacciones procesadas por una red de nodos, que replican la información de forma consensuada creando copias sincronizadas, y garantizando mediante criptografía que los datos una vez registrados no se pueden modificar o eliminar.



Telefonica | **BLOCKCHAIN**



 **bitcoin**



ethereum



HYPERLEDGER

corda



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CARACTERÍSTICAS







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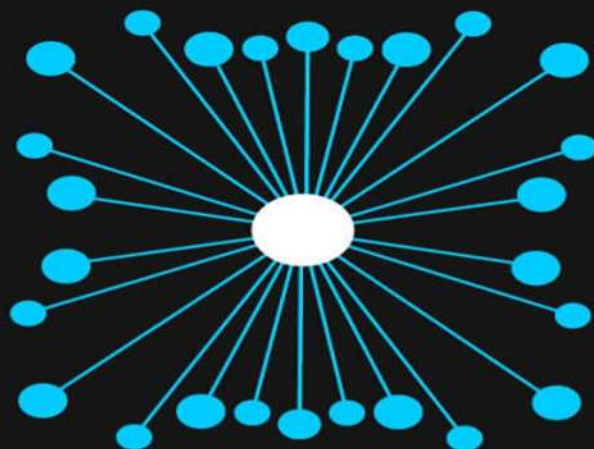




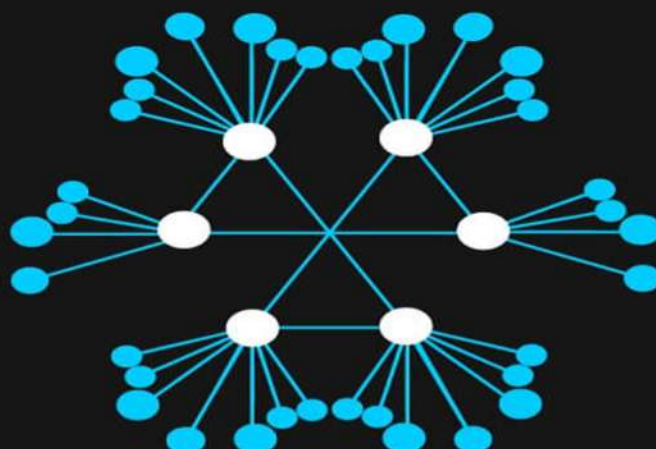
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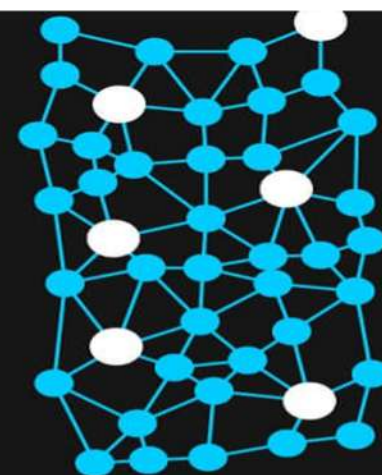
Distribuida y
descentralizada



Red centralizada
Todos los nodos están conectados
bajo una sola autoridad.



Red descentralizada
Sin servidor de autoridad único
que controla los nodos, todos tienen
entidades individuales



Red distribuida
Cada nodo es independiente
e interconectados entre sí.



101 Blockchains
Created by 101blockchains.com

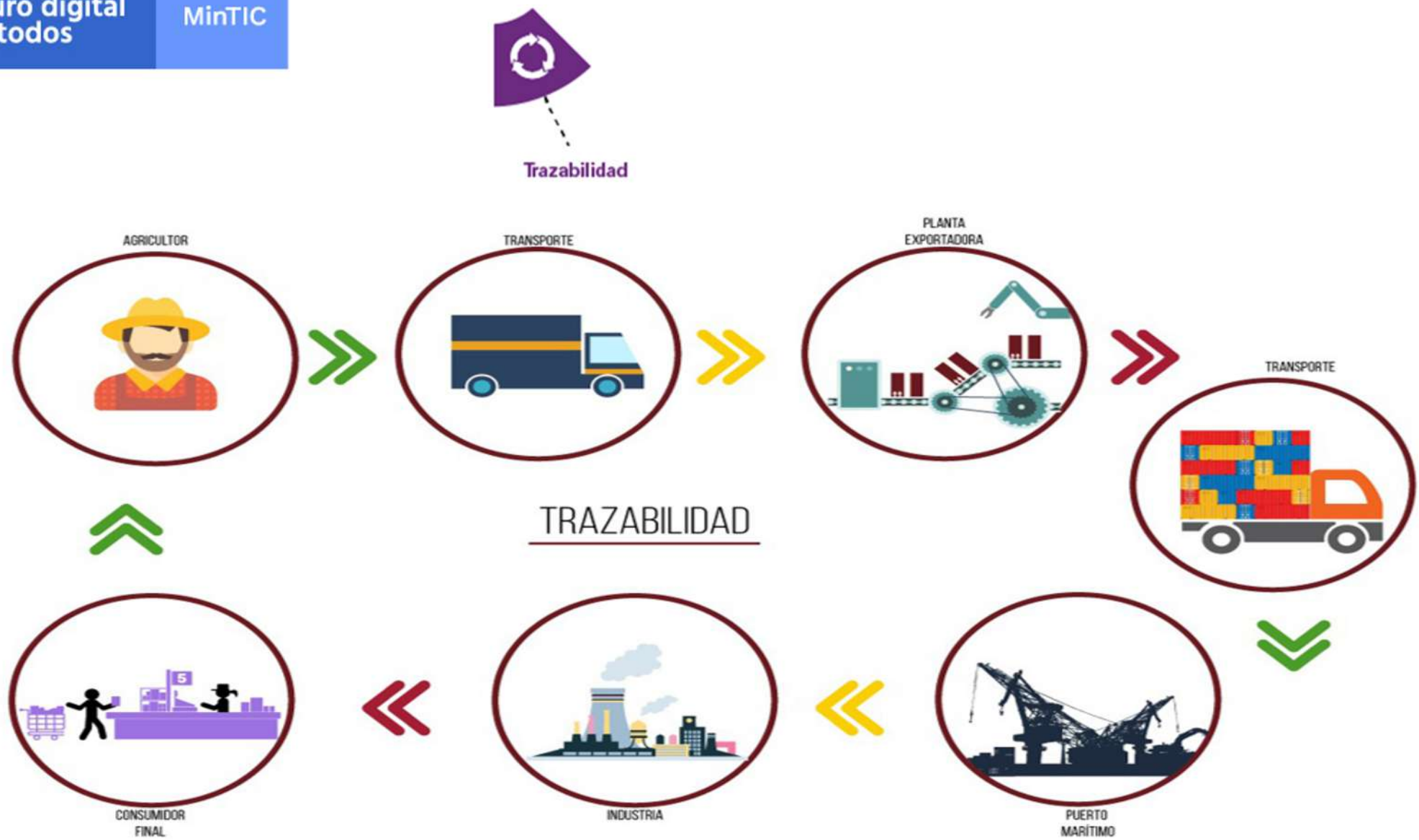




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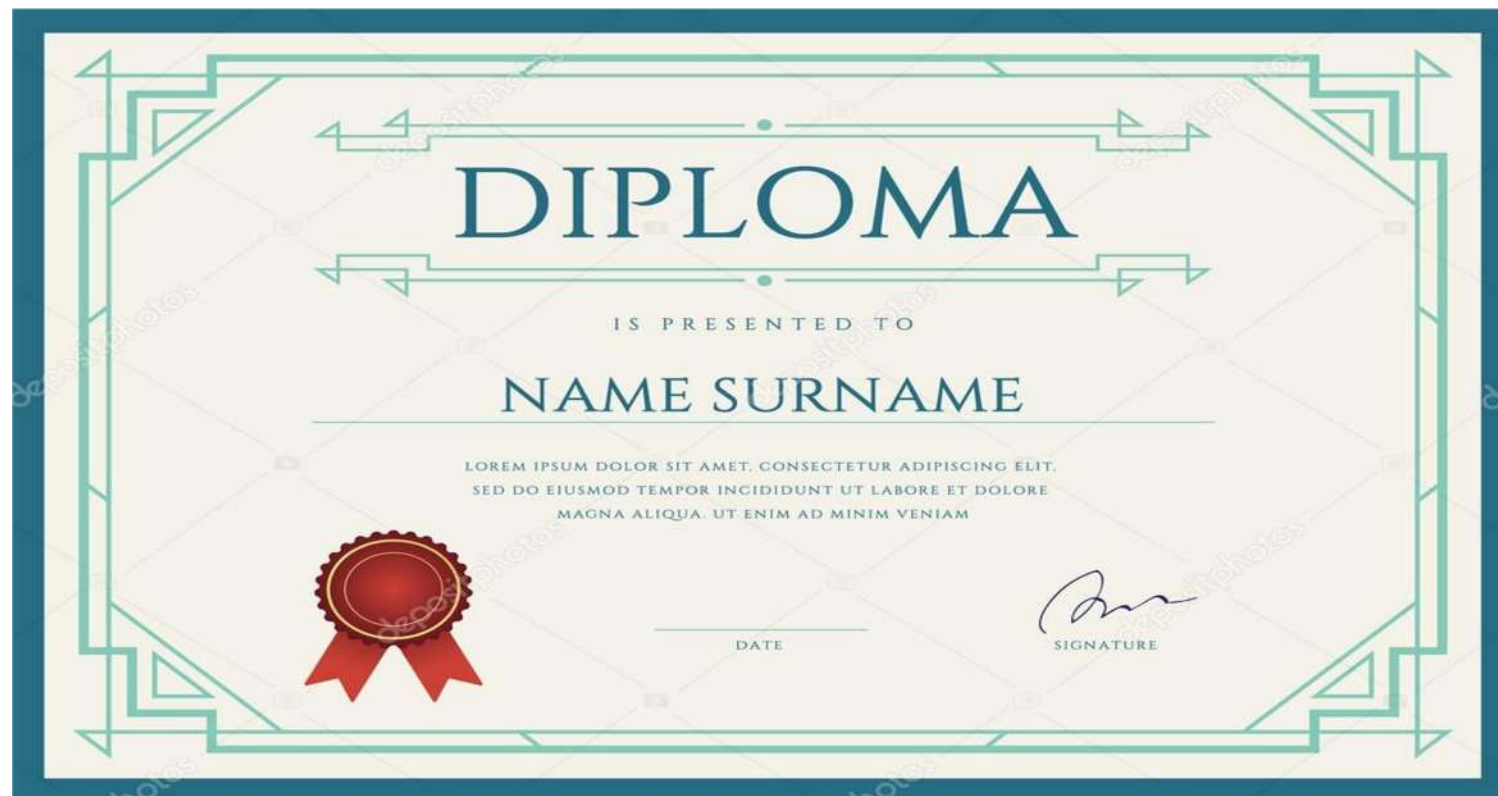






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Marca de tiempo



The background of the image is a blurred night view of a city with various lights and buildings. Overlaid on this is a complex network of thin, light-blue lines connecting numerous bright, glowing nodes. Some nodes are a vibrant blue, while others are a warm yellow or white, creating a sense of digital connectivity and data flow.

¿CÓMO
FUNCIONA?

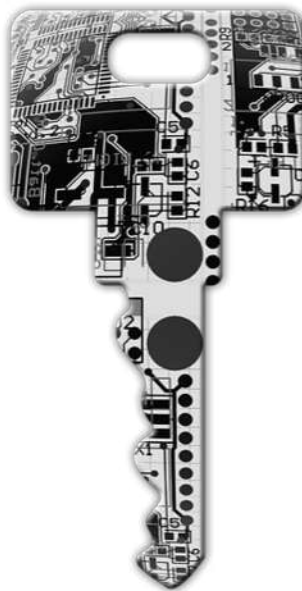


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Llave privada



Llave pública





¿CÓMO FUNCIONA EL CIFRADO ASIMÉTRICO?

Todos los usuarios generan dos archivos llamados "llaves": una pública y una privada.



Las llaves públicas son visibles para todo el mundo



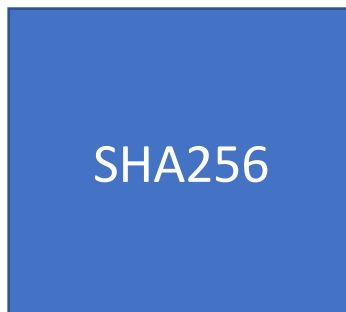
Para enviar un mensaje a María, Pedro cifra el mensaje con la llave pública de María y luego lo FIRMA con su propia llave privada.



Si alguien captura el mensaje no podrá leerlo sin la llave privada de María.

María confirma que el mensaje es de Pedro usando la llave pública de Pedro y luego descifra el mensaje con su propia llave privada.





2a3808c8361384d5e0998c981be6f306
3244c5fe5b96119a786af8d47a23dffb





<https://andersbrownworth.com/blockchain/>



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Gracias

