- -> ergipto economicos model
 - -> Types of Block chain

 -> consenso mechanism
- -> Bitioin etherum
- maning and validation
- -> having and dignital signature -> having of Block chain.

1 Block chain and types of Block chain-

- Block chain technology is one of the leatest and leading data bare storage model in moderen generation
 - -> Block chain model contains blocks of individual data elements (01) groupe of people data elements which are interlinked using nodes.
- By the help of this model we can easily able to transfer une data from one node to another node. could that exchange data from one block to another block.

 Block chain model is the base for UPE transactions.

 Pythy of policies chains

- this is a basic Block chain structure A where each blocks are connected to transfer the data across the blocks

Block chain technology is mainly developed for blockschain bit coin technology and UPI transactions to make secure.

so they have claimfied block chedn into the major types.

- -> Public Blockcharn
- -> private Blockchain
- hybrid Block cheun
- Consortium Block chain

@ patento bleo

1 Public block chain! - wasters been award and

-> 2+ is a permissionless, non-requestine block chain distributed technology.

- -> Amy one with internet connectivity can sign up to that block chain model and make them as one node of block chain process.
- -> each pier of Node have distinct address and by address the data transfer takes place.

advantagu:

- easy transfer of data and multitatice
- Scoure in data
 - open and transparent.

disadvantagus:-

- need to maintain proof of work
- black than

This a permission (on) request based block chain model where each block should ask request to another block to access the data

This one custumised model with some people can only accesses thus data and with third party Network no other people are allowed inside.

new rolliable and should

advantager:

- O speed of data processing is high as less people are available
- a security of the model is high and volatily increases
- Backup should be mantained and payslips are not

disadvantager wild best better belled in the

- 1 cost of making the black model is night
 - D high use of power and maintance
 - 3 Scalability is less.

hybrid block chain!

- -> It is a combination of both private and public block chain model and they are interconnected
- and to access both request and permission are not required
- -> The rolatility of data transfer and mountaince diceases
 - block chain smacture.

- easy mountaince
- data transfer speed increases
 - > Security of the model is much developed thrown

 Private block chain

physic diece cruni

adisadvantages- 1- The how some with the

- the scalability on the mount
 - Custumised blocks
 - -> Non scalability

conson hum Block Chain:

it is called decentralised block chain and

continue of Share a sone of

- be a part of complex model of Block chain
 - structure with scalability.

advantages:

- 1 early mountaince
- @ more data accessability at single place
- 1 data transparancy and redundancy.

disadvantages!

- 1) More gower Consumbtion
- and should main take proof of work.

-> enjoto economics states the study of economic interactions Crist mast xoold

MANHOV

why we would

- economic transactions are difficult to do in p2p network procusing model as no person and server acts as centralised data main taince part.
- -> so by block engpto economics model we can able to do framactions easily and securely.

mechanism of crypto me economic model

- proof of work! -It is a consenous made mechanism new with the of the Bitcoin network similar to Block chain. to accomplish many war in we
 - -> It is a set of rules and proupes that define the mutiple nodes agregate on true state network.
 - thors were - As there will be proof of work mure in no way-to Skip the transaction pay slip and the money (or Bitcoins are secure. regar of the northern

20 4 James M. Day 28 Clay 28 Con Crypto exonomic model:

- -> Transaction Request
- Transaction Broadcast
 - Transaction validation
- -) ventication procum
- Block formation
- Adding the block to block chain
 - Transaction complete

tripia no economics modelli-

processes of Transaction. To acomplish transaction we should have wallet and that contains money and bittoins model.

-> Transaction Broad cast !-

- As the request is broadcasted over various computed connected in pap model and which person accepts the request gut the notification
- -> now the both Request get connected to some primary numbers and that is first written in proof gwork.

-> validation:-

by default check the validation and author treation of the request sent

- As all the nodes are linked the validation checks for connectivity and encrypt the data

-, ventication procus!

- ound receiver oure property connected to data lines
 - -> previous history of both the transactions done before.
 - -> vertication is done then block formation gets enabled.

-> ercating a Block:-

- s As the transaction Request is formed the Request Sender is now made into block and thus help in tracking transactions by light
- The ledger authen treates and complete the transactions
- Adding the block to the block chain: -
 - -> Now this block to aniaction is added to the central block chain as The transaction status is storces
 - in blocks of transactions is maintained at block chains central model
 - with all the abibute and requests.
- gives us transaction complete procure 1+