Integration of Brockchain and Machine herrningly ⇒ Bloexchain technology - Decentralized database emphasize on data security and Privary => Concensus mechanism make sure data u legiti-mate and secure Why data analytics? will be squired? required issue majority attack } a double spending How belock chain helated to this? Mol.

[eg. -> Smantapplications_ SG, UAV, smart cities Generate huge amount of data swhat is the security issues

to handle data — If used what is this?

B.T. used contained a time stamped series of lamper pacof records.

managed by a cluster of distributed computer. B.T. immutability
Decentralization opens deer for racious applian ilse happens? - transperency Comajority attack (51% attack) L'Syku attacks for face Edentity Severation These A soknot intrusion Detection is require turism?

To detect intrusion and attack patterns

M.L. (analyse the exapple) of traffic?

M.L. helps computer to study felling and act neithout

Entervention of human. Low this happens? =) In smant application data should be secure. BTensuaes data security & MI provides confidence no predict untaustheouthy nodes based on past putting >MI poconsion building application that learns through experience, application specific. MI, Superitsed Consuperised Gleaning data analytics

M. L. Medel | Mere data Block cham Smart application - production ! Smart Perces Things Bounce senson antégration of ML en Bleekchain based application I could be based on specific segement of chain rather Than entêre data - med eldovation d'identity etrest > could be need - frang detection d'identity etrest detection - how?

-> Benefit nehen MI & appealed-> i) legitimate used authentication, why it cannot be in Bleevchain integrates public our modern unto. smant contacts to ensure team and condition are sustained. in) BT is encentive based system, et encourages usea It to equitablites data, helps to improve all medel wentrights remarked such air emissionment of BT neath small ho v) like Ethersom, deal with thousands of delectrations machines allover the roomld, eller quaranted users that it is mever completely unkeachable or offline not deal. => Smart applications A) Constomer Seavêce B) Paduit Manufaituringc) Unmarried Gerral Verhicle - (drone) Kuzmin proposed broevchainbased OAV-NET model- encludes gences such as N/n of satellites, cellular base stations and ground contact stations. BT_preserve the integuity of data, Communication Blo satellie R Bos. is paone to electromagnetic jamming. BT based technology enables to store relevent coordinates & operates autonomously neithen zamming zone b) Smart cettier - like smart homes, Smart parking system, smart weather and nonter system, smart venaman thatte servelliance system,

healthcare, etc.

Schallenges ->

Parvacy.

Memory

Suplementation:

Security.

What is the heal life beenalis, you are brokeing at? What questions have occured, which need to be answered?

ML - Blochchain,

That problems, each me of them bolve individually? In what scenarios, both classes of problems will happen together?