

## Implement –

The rollout of Web 3.0 won't be instantaneous, instead, we will be moving through a sort of web 2.5 phase which will culminate in the creation of web 3.0. Creating an ecosystem that can end the monopoly of the big tech companies and reimagine how we interact with the internet is not a straightforward or simple undertaking. [Facebook's rebranding as Meta](#) even suggests that legacy companies have identified the risks of not migrating to web 3.0 as they seek to maintain their level of influence and control for as long as possible.

It will require considerable resources and infrastructure - and yet, for the 7th quarter in a row, funding for blockchain companies increased; the last quarter had [a record investment of \\$9.2 billion](#).

Whilst nobody is sure when we will see a fully-fledged web 3.0, many [online communities](#) are working on different projects to bring web 3.0 to life.

## \*\*\*\* How can we achieve the decentralization of Data?

----> the possible way to achieve that- Big companies, including Facebook, TikTok and Twitter, wouldn't have access to your data without your consent. Instead of using these applications by giving up your data, web 3.0 will encourage users to earn as they use them. The web 3.0 evolution will impact all aspects of human interaction because it leverages the power of blockchain technology to preserve ledger records that are accessible to everyone. Thus, ensuring they cannot be destroyed or altered by anyone. Web 3.0 also leverages machine learning and Artificial Intelligence (AI) to instruct algorithms to curate content personalised to each individual. So, all these: blockchain technology, AI, machine learning, and the Internet of Things (IoT) will work complementary to foster a better user experience in web 3.0.

Our main aim of decentralizing data is try to stop manipulating or commercialize any one's personal data. Also, ensuring the content ownerships, Removing the threat of hacking and stop spreading misinformation. All of this can only be achieved by the Web 3.0 and its tools blockchain technology, digital economy, embrace automation, use of AI and Machine learning which are reputable for transparency, security and their immutable nature.

main objective- To introduce Blockchain technology to manage public data in a decentralised manner by creating digital registries of who owns what on the network like as, money, asset ownership, real estate or medical records. Each registry entry will link to the previous entry so that they are all connected as a chain and cannot be faked or counterfeited. Implementing miners in the record system to add new records. Miners can store copies of the blockchain on

computers to prevent data loss; to verify and confirm transactions by solving mathematical problems. To solve these problems, they are rewarded. There is no singular, central point of trust in this ecosystem. Each user follows one rule, which is not to trust anybody. They only verify the data they have obtained.

Web 3.0 — don't trust people, trust blockchain

## 🔍 'State Hypothesis'

### ##Expectation and Prediction

People are still hard at work figuring out what Web3 development will look like and what to expect for. However, the expectation , HOw Web 3.0 may make the internet more accessible and allow people to access content from almost any device in their environment, with the help of Blockchain technology whic will ensure More Decentralization of data, improved AI and A new way of paying for things that is crypto currency.