

MICROSOFT WITH AZURE IN HEALTHCARE

We live in a world that is constantly progressing, every industry must adjust to the changes in both internal and external environments. In the deeming technology advancement, the cloud plays a key role in acting as a catalyst for technological advancement.

What is Cloud?

A cloud is a virtual space where information can be accessed. It is where users can access files from any device. The main enabling technology for cloud is virtualization. Virtualization software separates physical devices into more than one virtual device.

What is Azure?

Azure is a cloud computing service provider, which is developed by Microsoft. It is an open-source database. It can be used for services such as virtual computing, analytics, networking and much more. Azure tools host web applications over the internet with the help of Microsoft data centers.

Azure in healthcare

Azure enables clinical analytics data to flow securely through every point to continuously improve patient's experiences and health outcomes. Azure Healthcare APIs securely manage different formats of protected health data and enable a secure exchange of health data within a global infrastructure. Azure services and products – mixed reality, AI, IoT and hybrid cloud drives better health outcomes, enhances data, and improves security. The main purpose of Azure in healthcare is continuous patient monitoring, clinical analysis, and genome.



Business use case

We have faced many difficulties during the 2020s. During the pandemic, the entire market was on the verge of collapse. The tech market boomed to another level. This market found investors because of its security, services, speed, and reliability. Legacy Health was the first healthcare industry to use Azure for reducing costs, improving resiliency, and accelerating growth across organizations. The healthcare system also focuses on the business of healthcare and helping

patients. Apollo 24|7 leverages the power of Azure to transform health services in India. The platform can reach consumers across the country through user interfaces available on the web and mobile. Apollo uses Azure for Medicine delivery, virtual doctor consultation, online diagnostic test booking, and personal health record maintenance.



Summary

Microsoft Cloud for Healthcare lays the substructure for consumers and partners to build innovative solutions, leading to outcomes and experiences for both providers and patients. Azure Healthcare APIs transform the patient's experience, creating a collaborative workspace for the research team and visualization tools.