CloudWerx

Transforms Mental Wellness [Healthcare]

Machine Learning, Kubeflow, GKE

Highlights

Our solution highlights our expertise in secure, compliant healthcare cloud solutions, and showcases our ability to deliver transformative ML pipelines and navigate complex healthcare regulations. We migrated Customer's infrastructure to Google Cloud, ensuring HiTrust compliance for their sensitive mental health data. Customer is positioned to lead the transformation in mental wellness, offering personalized, compliant, and effective care at scale.

Challenge:

Customer struggled to scale their ML operations to meet increasing demands for personalized care, while ensuring their infrastructure was both compliant and capable of supporting advanced workflows for their sensitive workloads.

Solution:

CWX delivered a secure, cloud-native ML pipeline using Vertex AI. This solution leveraged Kubeflow Pipelines to orchestrate data flow, Kubeflow Notebooks for collaborative development of XG-Boost models, and CI/CD with KServe for streamlined deployments and robust model management

Outcome

Our solution enhanced their ML workload scalability, and fortifies their infrastructure with the highest standards of data protection and compliance.