

## Wellness Hub Cloud Provider Comparison

Criteria	AWS	GCP	Azure
AI Services	SageMaker, Bedrock, Comprehend	Vertex AI, AutoML, Palm	Azure ML, OpenAI, Cognitive Services
ML Training	Great flexibility + GPU instances	Built-in AutoML + Jupyter support	Strong AutoML but less intuitive
Model Deployment	SageMaker endpoints, Lambda	Vertex AI endpoints	Azure endpoints + container apps
LLM Integration	Amazon Bedrock (Anthropic, Cohere)	Palm 2, Gemini	OpenAI via Azure
Speech & Vision	Polly, Rekognition	Cloud Speech, Vision AI	Speech & Vision APIs
Biofeedback Sensor	IoT Core, Kinesis	Cloud IoT Core (deprecated), Pub/Sub	Azure IoT Hub
Real-Time API	API Gateway + Lambda	Cloud Endpoints + Functions	API Management + Azure Functions
Database	DynamoDB, Aurora	Firestore, BigQuery	CosmosDB, SQL Server
Security	IAM, KMS, GuardDuty	IAM, DLP, BeyondCorp	IAM, Defender, Sentinel
Marketplace	AWS Marketplace + Health	Vertex Extensions	Azure Marketplace
Ease of Use	Steep learning curve	Most user-friendly for AI	Moderate
Pricing	Pay-as-you-go, spot savings	Simplified pricing	Complex but manageable
Region Availability	Global	Strong but fewer than AWS	Extensive
Compliance	HIPAA, GDPR, HITRUST	HIPAA, GDPR, FedRAMP	HIPAA, GDPR, FedRAMP