

Healthcare Al Innovation

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Healthcare Solutions Leader

US Non-Profit Health & Academic Medical Centers

Amazon Web Services (AWS)

Healthcare AI Innovation

Dana-Farber Cancer Institute

Clinical Research

Generative AI Solution Interpret Arterial Blood Gas (ABG) Test Results

85% Accuracy

Compensated Acid-Based Disorders



Patient Experience

Health Records + Device Data + Patient-reported Outcomes

Cohort Management + Patient Mobile App

Predict high-risk patients Identify care gaps

UC San Diego

Medical Imaging

ML Model – Predict Pneumonia in Chest X-rays

65000 X-rays – 6 Months

Accurately Diagnosed CoVID19

Healthcare AI Innovation



Academia

Amplify GenAl - Generative Al Portal

17,000 users

encompassing all students, faculty, staff, and researchers at Vanderbilt.

Stanford University

Precision Medicine

MyPHD Multi-modal Health Management System

Stanford Data Ocean Analysis Platform

Wearables data + EHR + Molecular Profiles

pieces

Clinician Burn-Out

Al-powered Automation

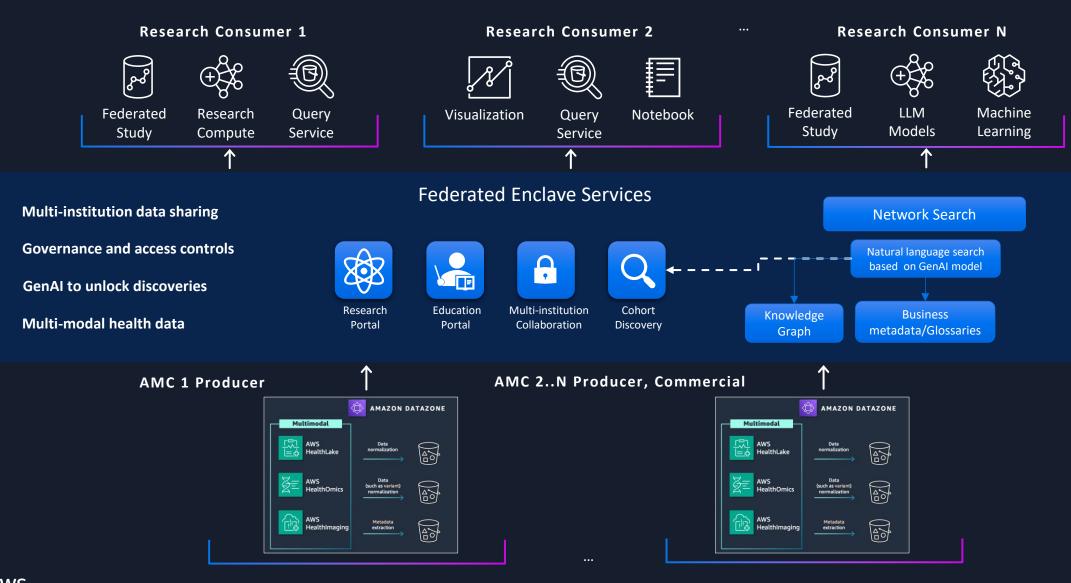
SOAP note generation

Discharge Summaries

Ambient Listening Scribe



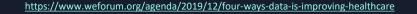
AWS Federated research network

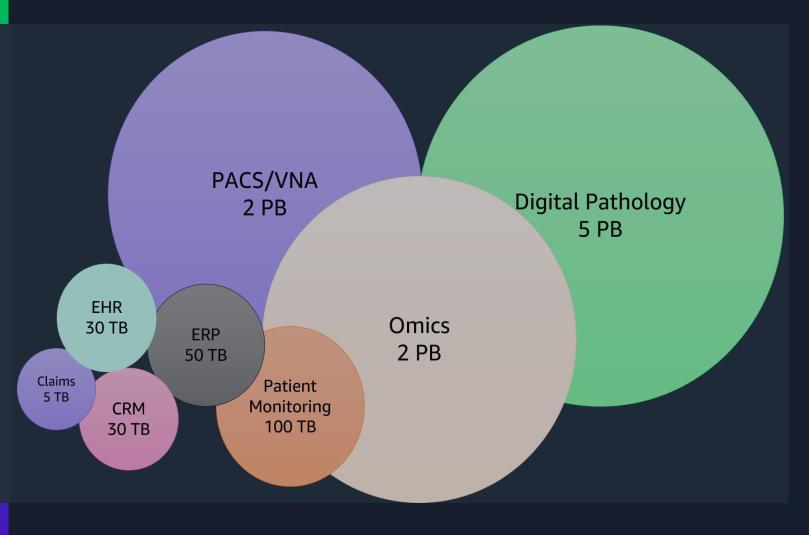


Healthcare systems generate massive amount of data every day

~50 petabytes of data generated annually by hospitals

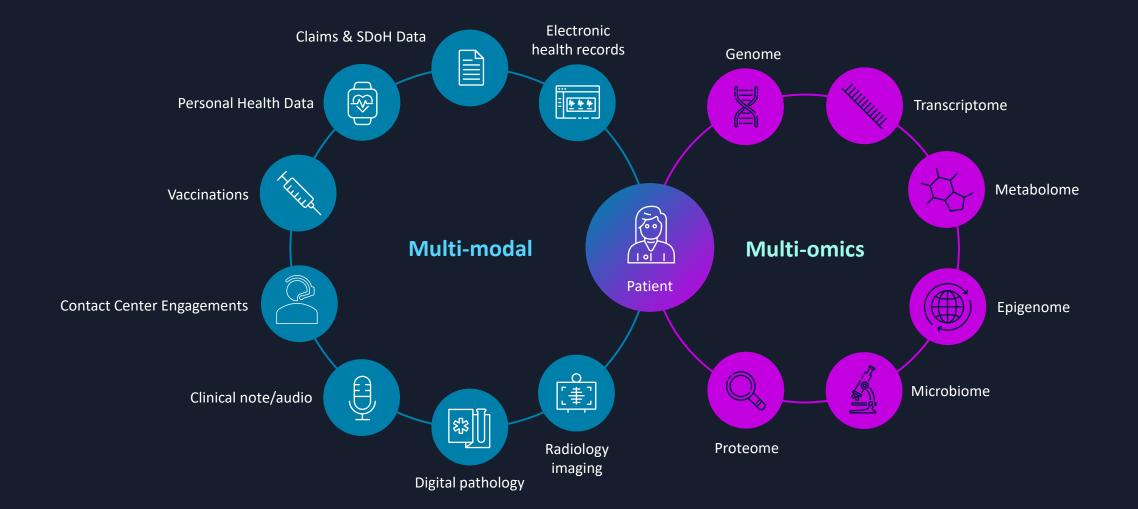
97% of health data goes unused





aws

Patient/Subject Centric Approach



aws

Thank you!

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