

idc

innovation advisory committee

**data science,
augmented +
artificial
intelligence**

ANA Innovation Advisory Committee

**DATA SCIENCE
ARTIFICIAL
& AUGMENTED
INTELLIGENCE**

www.nursingworld.org/innovation

\$150B

could be saved by the U.S. healthcare economy by 2026 using clinical health AI applications (Accenture Study)¹



2026

\$208B



is the projected market size for global AI healthcare solutions (Grandview Research)²

3x



increase in hospitals implementing artificial intelligence into operations (World Economic Forum)³

94%

of business leaders agree that AI is critical to success over the next five years (Deloitte)⁶

2027

is the year when chatbots are expected to become the primary customer service mechanism for roughly one quarter of all organizations (Gartner)⁷

\$100B



of potential revenue could be generated for pharma and medicine using big data and machine learning (McKinsey)⁴

25.7%

compound annual growth rate of global data driven decision making and healthcare analytics market between 2022-2027 (Markets and Markets)⁵

20M

in new grants will support digital equity in healthcare for the state of Massachusetts (Broadband Institute)⁸

1

landmark resolution led to the formation of the Coalition to End Racism in Clinical Algorithms which declared racism a public health crisis and to end the inclusion of race adjustment in clinical algorithms (NY Government)¹



\$39B



have been lost by healthcare organizations related to data breaches between 2017-2023 (Comparitech)²

\$1.3T



dollars could be added to the global economy by 2023 because of quantum computing (McKinsey)³

24-48hrs

of patient census and patient flow were predicted with high accuracy using advanced data analytics and AI (Children's Mercy)⁵

HOURS

were all it took for a deep learning algorithm to identify new antibiotic resistant compounds to fight antibiotic resistant infections, when in the past it took 12 years (Scientific American)⁴

43%

of c-suite executives believe their organization's leadership team has sufficient knowledge and understanding of AI skills (World Economic Forum)⁶

