



# How AI is Shaping Real-World Data in Healthcare

Survey Insights | n = 50 Respondents

40% Healthcare Professionals

30% Data Analysts / Researchers

20% Medical / DS Students

10% Admin / Tech Roles

April 2026

# AI Awareness & Adoption in Healthcare

88%

Aware of AI applications

## Q1 · AI Awareness

Only 12% remain unaware — strong foundational knowledge across roles.

## Q2 · Tool Usage

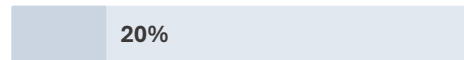
Regularly



Occasionally



Never



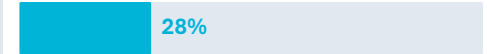
80% have some exposure;  
regular adoption still maturing.

## Q3 · Top AI Applications

Clinical Decision Support



Predictive Analytics



Medical Imaging AI



Chatbots / VA



# AI's Impact: Speed · Accuracy · Outcomes



Q4

## Data Processing Speed

64%

Significant improvement

28% moderate · 8% no impact

Q5

## Diagnostic Accuracy

60%

Confirmed improvement

32% somewhat · 8% no

Q9

## Patient Outcomes

62%

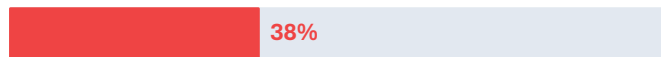
Improved outcomes

28% somewhat · 10% no

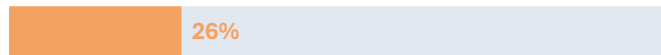
# Challenges, Trust & Areas of Greatest Benefit

## Q6 · Biggest Challenges

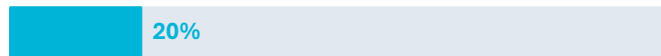
Data Privacy & Security



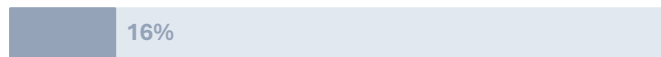
Algorithm Bias



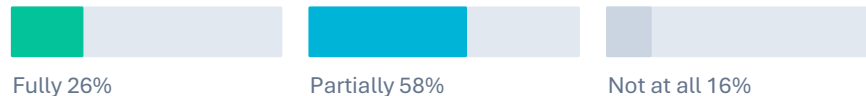
Lack of Skilled Staff



Regulatory Issues

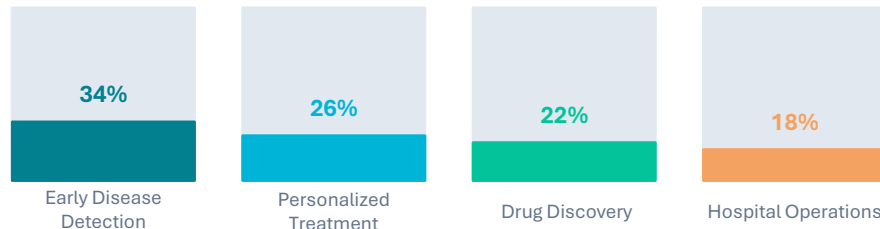


## Q7 · Trust in AI Insights



*58% see AI as assistive — not authoritative.*

## Q8 · Areas Benefiting Most





# Conclusion & Future Outlook



74%

see AI as  
highly transformative

Q10 · Future of AI

✓ AI significantly boosts speed, diagnostics, and predictive care

⚡ Adoption is growing but not yet fully mature across organizations

⚠ Trust gap & ethical concerns (privacy, bias) remain key barriers

🎯 AI will be central to preventive & personalized healthcare delivery



**Thank You**

**Do you have any questions?**

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