REIMAGINING PUBLIC HEALTH IN THE AGE OF AI

A new era of opportunity for Austin and Travis County

ATC – PHC Existing Charter Activities

- Explore the best evidence-based public health practices for areas that need improvement and provide recommendations;
- Provide an annual formal recommendation on the improvement of the overall public health programs, projects, regulations, and services within the governing entities in the city and the county;
- Work to inform strategies that address health disparities that impact health outcomes for underserved populations
- Gather input from the community on budget and programming recommendations to share with policymakers and health agencies annually
- Report periodically to the Public Health Committee of the Austin City Council and the Travis County Commissioner's Court

All of these charter activities can be improved and accelerated with a strategy that brings new AI tools and methodologies to the public health ecosystem.

TWO COMPLEMENTARY AGENDAS

1. APPLY AI TO EXISTING PUBLIC HEALTH WORK

With agency staff, identify responsible uses of approved AI tools to strengthen surveillance, evidence review, reporting, and evaluation.

2. BRING FORWARD NEW AI METHODS FOR PUBLIC HEALTH

With practitioners and research partners, assess emerging approaches to connect data, understand causes, track change, and evaluate interventions.

WHAT THIS COULD LOOK LIKE

- Index the use of AI tools across City and County public health teams.
- Assess whether AI tools could help summarize existing information, identify emerging trends, and improve the effectiveness and insights of public health teams.
- Identify one useful AI opportunity, review relevant evidence and best practices, and advise elected leaders on the expected positive impact.
- Explore how emerging AI capabilities and methods might bring new levels of effectiveness to our public health teams.