ROLE OF AI IN HEALTHCARE: MY PERSPECTIVE

5th National Big Data Health Science Conference
February 3, 2024 | Columbia, SC

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INTRODUCTION OF SCHOLAR

- Board-certified Internal Medicine Physician, Cooperative Health Col. SC.
- Fellow of the American College of Physicians
- HIV Specialist, American Academy of HIV Medicine.
- Member, Ryan White Medical Provider Coalition.
- Chair, Treatment Pillar, SC Viral Hepatitis Committee
- Consultant with HIV/AIDS Bureau on drafting the Reference Guide for Aging with HIV
- Consultant working on modification of clinical pages of HIV.GOV
- Project Director for the Gilead FOCUS project on screening and linkage to care.
- Member, Clinical Care Committee, Cooperative Health

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EXPECTATIONS

- To learn more about the intersection of AI and healthcare and how the knowledge can be applied to my community.
- To increase thirst for research.
- Opportunity to work on current research projects with my mentor.
- Opportunity to network and collaborate with experts in the filed of Big Data.
- To conduct research into a health issue faced by our patient population, to identify trends and find ways to reduce the incidence and prevalence rates and improve the health quality.
- To present the findings at a community-based event.

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EXPERIENCE

- Contributed to my mentor's project, as a domain expert, on ways to select meaningful biomarkers and variables from the Fitbit dataset and discuss results to ensure the interpretations of the findings are reasonable in the context of HIV treatment and care.

- Contributed perspectives from a physician's point of view on an ethics study of using Big Data approach in HIV research.

- Broadened my scope on the extent to which AI intersects with healthcare., the role of Big data Analytics in healthcare, and the fundamentals of Data Analytics.

FUTURE VALUE TO ME AND MY COMMUNITY

- Cooperative Health operates out 4 counties in midlands region of South Carolina through our 24 health care facilities.
- Our Network of Primary care offices have a large active patient base and reach of an estimated 150,000 to 200,000 people.
- Hopefully, we can set up a department at my workplace dedicated to research and data analysis.
- My job relies regularly on data and data analysis to ensure quality assurance and improvement in the care we provide to my patients. I hope to apply the knowledge and skills gained to analyze our patients' data to identify gaps and understand trends and patterns.

QUESTIONS?

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