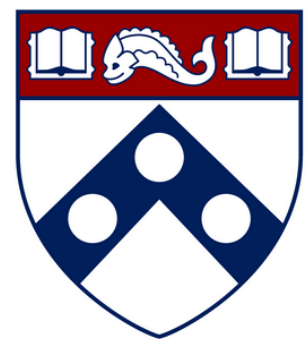


DEVELOPING REACH'S AI GUIDE TO SUCCESS

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Penn

REACH

Research & Equity in Academic-
Community Partnerships for Health

ABOUT REACH

**(RESEARCH & EQUITY IN ACADEMIC-
COMMUNITY PARTNERSHIPS FOR
HEALTH)**

A NEW INITIATIVE TO CREATE AN EASY,
EFFICIENT, AND EFFECTIVE WAY FOR
ACADEMICS AND COMMUNITY
ORGANIZATIONS TO PARTNER IN RESEARCH
AND PRACTICE. REACH IS FUNDED BY THE
OFFICE OF THE VICE PROVOST OF
RESEARCH (OVPR) AND THE PENN INJURY
SCIENCE CENTER, AND DEVELOPED IN
PARTNERSHIP WITH THE PENN URBAN
HEALTH LAB.



NICOLE



ANDREW



SARA

BACKGROUND

- ARTIFICIAL INTELLIGENCE (AI) HAS BECOME REVOLUTIONARY IN MANY AREAS OF PROFESSIONAL WORK INCLUDING RESEARCH, MEDICINE, AND MORE.
- MANY COMMUNITY ORGANIZATIONS LACK THE KNOWLEDGE TO SUCCESSFULLY UTILIZE TECHNOLOGY & AI IN THEIR WORK

WHY A TOOLKIT?

TO CREATE A COMPREHENSIVE REVIEW GUIDE FOR MEMBERS OF PCS AND REACH TO UTILIZE FOR SUCCESS



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Thank you for participating in our survey. This survey is part of REACH (Research & Equity in Academic-Community Partnerships for Health), a new initiative to create an easy, efficient, and effective way for academics and community organizations to partner in research and practice. REACH is funded by the Office of the Vice Provost of Research (OVPR) and the Penn Injury Science Center, and developed in partnership with the Penn Urban Health Lab.

Artificial Intelligence (AI) has become revolutionary in many areas of professional work including research, medicine, and more. Familiar applications like Grammarly, Google Assistant, Duolingo, and Alexa have already demonstrated the amazing capabilities of AI. However, a newer form of artificial intelligence has become popular in the past year: ChatGPT. ChatGPT, otherwise known as Generative Pretrained Transformer 4 (GPT-4), is a chatbot designed by OpenAI. It works as a chat based system that is designed to provide natural language responses that mimic the language of the user. It is able to take in a variety of prompts including, but not limited to, data sets, papers, equations, and simple straightforward questions.

METHODS

CREATED A SURVEY USING VALIDATED RESEARCH QUESTIONS TO EVALUATE ORGANIZATION INTEREST IN USING AI

BETA TESTED THE TIME FOR COMPLETION AS WELL AS TESTED MOBILE & WEB COMPATIBILITY

AVG TIME TO COMPLETE [3-5 MIN]



ELSEVIER

Computers in Human Behavior Reports

Volume 1, January-July 2020, 100014

Initial validation of the general attitudes towards Artificial Intelligence Scale

Astrid Schepman , Paul Rodway

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qualtrics^{XM}

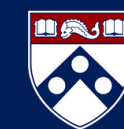
CREATING THE TOOLKIT

CONDUCTED EXTENSIVE RESEARCH ON BENEFITS OF AI FOR ORGANIZATIONS

GATHERED EXTENSIVE VISUAL AIDS & DIAGRAMS TO FACILLITATE COMPREHENSION

ORGANIZED TOOLKIT BY SECTIONS:

1. INTRODUCTION TO AI
2. FIRST TIME USING CHATGPT?
3. AI TOOLS TO PERFECT WRITING
4. USING AI FOR ENGAGEMENT



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FUTURE PLANS

- FINALIZE TOOLKIT DESIGN & DISTRIBUTE IT AMONG REACH MEMBERS
- EVALUATE EFFECTIVENESS OF TOOLKIT USING SURVEY & UPDATING IT TO FIT TARGET AUDIENCE

LESSONS

1

USER CENTRIC DESIGN

The key to utilizing AI in professional & personal work entails assuring that AI solutions are aligned with the needs and goals of community organizations

2

LIMITATIONS ARE IMPORTANT

In order to better implement AI, it is important to be cognizant of the technical and ethical limitation of it

3

SIMPLIFICATION OF AI CONCEPTS

Learning how to simplify complex concepts for nonscientific audiences and make them understandable to my target audience