

FUTURE TRENDS: PHYSICAL THERAPISTS' OUTLOOK ON AI-ASSISTED DATA-DRIVEN DECISION MAKING IN HEALTHCARE

Noel R. San Antonio, PTRP, MSCPD, DPT

University of Perpetual Help - Dr. Jose G. Tamayo Medical University
PHILIPPINES
sanantonio.noel@uphsl.edu.ph

Maria Christina C. Ocampo

University of Perpetual Help - Dr. Jose G. Tamayo Medical University
PHILIPPINES
a21-0174-895@uphsl.edu.ph

Pamela J. Romero

University of Perpetual Help - Dr. Jose G. Tamayo Medical University
PHILIPPINES
a21-0205-567@uphsl.edu.ph

Alissa Shayne M. Saguinsin

University of Perpetual Help - Dr. Jose G. Tamayo Medical University
PHILIPPINES
a21-0153-473@uphsl.edu.ph

ABSTRACT

This study identified the outlooks of Physical Therapists' on AI-assisted data-driven decision making in healthcare. It specifically aimed to respond to the question: What are the outlooks of Physical Therapists when it comes to AI-assisted data driven decision-making in healthcare in terms of familiarity, attitude and perceived impact? A qualitative analysis of outlooks of Physical therapists' is presented in this study. It uses qualitative-descriptive research design, one of the methods consisted of interviewing respondents to acquire data. It is widely utilized in both scientific and social sciences, and has helped researchers in evaluating relationships between the variables. A qualitative-descriptive analysis of this research. The main conclusions drawn from 6 focused group interviews are summarized here. The study's findings help physical therapy students in (a) the outlooks of Physical Therapists in AI-assisted data-driven decision making in healthcare (b) potential concerns, challenges, and barriers in AI technologies. (c) expectations and perceived opportunities regarding the integration of AI in their daily practices. (d) the recommendations of Physical Therapists revolved in ensuring that all data input is regulated by firm ethical considerations and management.

Keywords: outlooks, AI-assisted data driven decision-making, physical therapy, healthcare