

Htun Teza

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RESEARCH INTERESTS

Electronic medical records · Real world data · Data Observability · Biases inherent or introduced through data integration · Imputation for missing data in real world data · Secondary data analysis · Epidemiology · Risk prediction models

EXPERIENCE

- 2021 - Present **Graduate Research Assistant, Mahidol University, Faculty of Medicine Ramathibodi Hospital**
- Affiliated under the Data Science and Clinical Informatics division, Department of Clinical Epidemiology and Biostatistics
 - Research database development and quarterly updates: [CEB Data Warehouse](#), [Hypertension Cohort](#), [Dementia Cohort](#)
 - Data extraction and engineering of electronic medical records to research datasets
 - Data pre-processing in real-world datasets including standardization, harmonization and imputation
 - Secondary data analysis for epidemiological and methodological research
 - Risk prediction using statistical and machine learning models
 - Multidisciplinary collaborations with clinicians, surgeons, pharmacists, epidemiologists, biostatisticians, economists and data-scientists
 - Experienced in Python, R, Stata and SPSS

ADDITIONAL EXPERIENCES

Thailand Health AI Conference & Datathon 2023, Khon Kaen University in conjunction with Massachusetts Institute of Technology (MIT) and Harvard Medical School

Undergraduate Research Assistant, Department of Preventive and Community Dentistry, University of Dental Medicine Yangon

EDUCATION

- 2019 - 2021 **Data Science for Healthcare** (Master of Science), Mahidol University, Thailand
Thesis: Risk-factor based Diagnosis for Chronic Periodontitis using Machine Learning Models
- 2012 - 2019 **Dental Surgery** (6-year program), University of Dental Medicine Yangon, Myanmar
General practitioner licensed in Myanmar

SELECTED PUBLICATIONS · 3 OF 7

- 2026 **Teza H**, Anothaisintawee T, Limpijankit T, et al. [Incidence and Prognosis of Apparent Treatment-Resistant Hypertension: A Multi-State Analysis Using Real-World Evidence](#). *Clinical Hypertension*.
- 2023 **Teza H**, Pattanateepapon A, Lertpimonchai A, et al. [Development of Risk Prediction Models for Severe Periodontitis in a Thai Population: Statistical and Machine-Learning Approaches](#). *JMIR Formative Research*.
- 2023 **Teza H**, Boonmanunt S, Unwanatham N, et al. [Evaluation of transitions from early hypertension to hypertensive chronic kidney disease, coronary artery disease, stroke and mortality: A Thai real-world data cohort](#). *Frontiers in Cardiovascular Medicine*.

All publications: htunteza.com/works · Full CV: htunteza.com/cv

AWARDS

- 2019 Scholarship for postgraduate students, Faculty of Medicine Ramathibodi Hospital, Mahidol University
- 2019 Mahidol postgraduate scholarships for international students, Faculty of Graduate Studies, Mahidol University