



TENGGU MUHAMMAD HANIS BIN TENGGU MOKHTAR

Biostatistician/ Data
Scientist/ Quantitative
Researcher

ABOUT ME

I am a data enthusiast. My interest includes medical statistics and machine learning application. Also, I am very interested in the use of R and Python in medical research.

LANGUAGES

- Malay : Native
- English : Fluent
- Arabic : Basic

STATISTICAL SOFTWARE

R	:
Python	:
Jamovi	:
SPSS	:
STATA	:
MPLUS	:

CONTACT

Email : tengkuhanismokhtar@gmail.com

REFERENCE

Name : Prof Dr Kamarul Imran Musa
Position : Professor and public health specialist
Institution : USM, Malaysia
Email : drkamarul@usm.my

MORE INFO



<https://tengkuhanis.netlify.app/>

EDUCATION

Universiti Sains Malaysia

PhD (Public Health Epidemiology)

Feb 2020 – April 2024

Research: Prediction of breast cancer diagnosis using machine learning in Malaysia women

Universiti Sains Malaysia

MSc (Medical Statistics)

Sept 2017 – July 2019

CGPA: 3.30

Research: Relative survival and its prognostic factors of breast cancer patients in Kelantan from 2007 to 2011

Al-Azhar University

MBBCh (Bachelor of Medicine and Surgery)

Sept 2008 – June 2015

Result: Good / Jayyid (69.57%)

EMPLOYMENT

Jom Research – Lead Academic Trainer

Aug 2023 – Present

- Develop module and material for workshops
- Conduct workshops virtually
- Manage preparation for incoming workshops including promotion and administration tasks

Universiti Sains Malaysia – Graduate Research Assistant

Nov 2019 – Feb 2023

- Project financial management and documentation
- Data collection and data cleaning
- Data analysis and publication

Lionbridge, United States - Online Map Quality Analyst

June 2017 – Oct 2021

- Analyze data mainly from online maps and search results
- Corrects errors in maps and search results
- Perform market research on the list of places of interest in Malaysia

SELECTED PUBLICATIONS

- 1) Developing a supplementary diagnostic tool for breast cancer risk estimation using ensemble transfer learning — Diagnostics
- 2) Over-the-counter breast cancer classification using machine learning and patient registration records — Diagnostics
- 3) Diagnostic accuracy of machine learning models on mammography in breast cancer classification: a meta-analysis — Diagnostics
- 4) Risk factors for COVID-19 mortality in Malaysia — Malaysian Journal of Medical Sciences

WEB APPS

- 1) ShinyBC: breast cancer risk estimator [Available at: <https://tengku-hanis.shinyapps.io/shinyBC/>]