TENGKU MUHAMMAD HANIS BIN TENGKU MOKHTAR

Medical statistician

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 :
SPSS :
STATA :
MPLUS :

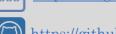### CONTACT

Email : tengkuhanismokhtar@gmail.com

REFERRENCE

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

MORE INFO

https://tengkuhanis.netlify.app/

https://github.com/tengku-hanis

EDUCATION

Universiti Sains Malaysia
PhD (Public Health Epidemiology)
Feb 2020 – Present
Research: Application of machine learning and statistical analysis on breast cancer data

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

Universiti Sains Malaysia – Graduate Research Assistant
Nov 2019 – Feb 2023
- Project financial management
- Project 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

MIMS Pte Ltd, Singapore - Freelance Writer
May 2016 – Aug 2017
- Research medical-related topics
- Generate ideas for new content
- Prepare well-structured draft articles

SELECTED PUBLICATIONS

1) Over-the-counter breast cancer classification using machine learning and patient registration records — Diagnostics [https://doi.org/10.3390/diagnostics12112826]
2) Diagnostic accuracy of machine learning models on mammography in breast cancer classification: a meta-analysis — Diagnostics [https://doi.org/10.3390/diagnostics12071643]
3) Risk factors for COVID-19 mortality in Malaysia — Malaysian Journal of Medical Sciences [https://doi.org/10.21315/mjms2022.29.6.12]

WEB APPS

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