

# Tengku Muhd Hanis Bin Tengku Mokhtar

Kuantan, Pahang,  
Malaysia  
tengkuhanismokhtar@gmail.com



## ABOUT ME

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

## PERSONAL INFO

Age: 33 years old

Race: Malay

Sex: Male

Date of Birth: July 9, 1988

Status: Single

## EMPLOYMENT

### **Universiti Sains Malaysia, Kelantan** – *Graduate Research Assistant*

NOVEMBER 2019 - PRESENT

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

### **Lionbridge, United States** - *Online Map Quality Analyst*

JUNE 2017 – PRESENT

- 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 - AUGUST 2017

- Research medical-related topics
- Generate ideas for new content
- Prepare well-structured draft articles

### **Universiti Sultan Zainal Abidin, Terengganu** - *Hostel Fellow*

MARCH 2017 - MAY 2017

- Manage student activities in the university hostel
- Maintain a good discipline and adherence to the university hostel's rule among the student
- Manage student's concerns and issues related to the university hostel

## EDUCATION

### **Universiti Sains Malaysia, Kelantan** - *PhD (Public Health Epidemiology)*

FEBRUARY 2020 – PRESENT

- Research: Application of machine learning and statistical analysis on medical data

### **Universiti Sains Malaysia, Kelantan** - *MSc (Medical Statistics)*

SEPTEMBER 2017 – JULY 2019

- CGPA: 3.30
- Research: Relative survival and its prognostic factors of breast cancer patients in Kelantan from 2007 to 2011

### **Universiti Sultan Zainal Abidin, Terengganu** - *MSc (Medical Physiology)*

SEPTEMBER 2016 - APRIL 2017 (NOT COMPLETED)

- Research: Prospective Randomized Control Trial (RCT) on pneumonia incidence among a high-risk group of Malaysian hajj pilgrims receiving 23-valent polysaccharide vaccine (PPSV23) and 13-valent pneumococcal conjugate vaccine (PCV13). (Not completed)

### **Al-Azhar University, Egypt** - *M.B.B.ch (Bachelor of Medicine and Surgery)*

SEPTEMBER 2008 - JUNE 2015

- Result: Good / Jayyid

### **Darul Quran - JAKIM, Selangor** - *Tahfiz Certificate*

JANUARY 2006 - JUNE 2007

- Result: Good / Jayyid

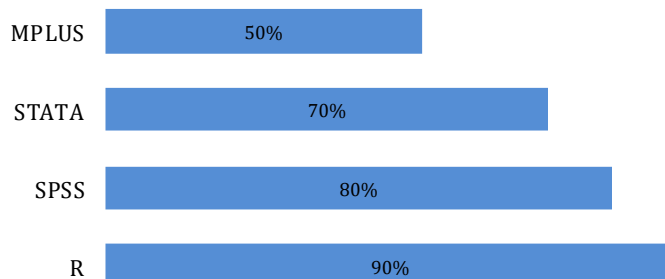
### **SMKA Pahang** – *Sijil Pelajaran Malaysia*

JANUARY 2004 - DECEMBER 2005

- Result: Result: 5 1A 4 2A 2 3B 1 5C

## SKILLS

### **Statistical software**



## PUBLICATIONS

First-author:

- Modelling excess mortality among breast cancer patients in the north-east region of peninsular Malaysia 2007-2011: A population-based study – BMC Public Health [<https://doi.org/10.1186/s12889-019-8113-2>]
- Net survival differences of breast cancer between stages at diagnosis and age groups in the east coast region of West Malaysia: a retrospective cohort study – BMJ Open (Under Publication)
- The Top 100 Most-Cited Publications on Breast Cancer and Machine Learning Research: A Bibliometric Analysis - Current Medicinal Chemistry (Under review)

Co-author:

- Measuring Time-Varying Effective Reproduction Numbers for COVID-19 and Their Relationship with Movement Control Order in Malaysia – International Journal of Environmental Research and Public Health [10.3390/ijerph18063273]

## TALKS AND PRESENTATIONS

- Talks - An introduction to relative analysis using R – Malaysian R User Group (MyRUG) [November 22, 2020]
- Webinar: An introduction to bibliometric analysis using R – Epidemiology and statistical modelling team, USM [September 24, 2020]

## OTHER RESEARCH ACTIVITIES

- Situation analysis and modelling of COVID-19 cases in Malaysia – Part of epidemiology and statistical modelling team, USM
- Founded Machine learning and statistical analysis study group – YouTube channel: Study Group-ML-Stat

## REFERENCES

Name: Assoc Prof Dr Sarimah Abdullah

Position: Coordinator of Unit of Biostatistics and Research Methodology, USM

Email: sarimah@usm.my

Name: Dr Najib Majdi Bin Yaacob

Position: Medical lecturer, USM

Email: najibmy@usm.my



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



<https://github.com/tengku-hanis>