

# DR. MUHAMMAD HILMI ABDUL MAJID

## SENIOR LECTURER

Dr. Hilmi is a statistician and data scientist with interest in statistical modelling and machine learning. He is proficient in R programming for data analysis and research, and is open for collaboration with anyone.

### CONTACT

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### SELECTED RESEARCH PROJECTS

- ✔ Geran Penyelidikan Pensyarah Muda (GGPM) from Universiti Kebangsaan Malaysia. Evaluation of Probability Distributions with Fourier Series Smoothing for Environmental Data in Malaysia. (2023-2025). RM40,000

### SELECTED PUBLICATIONS

- ✔ **Muhammad Hilmi Abdul Majid**, Kamarulzaman Ibrahim, Nurulkamal Maseran. (2023). Three-Part Composite Pareto Modelling For Income Distribution In Malaysia. *Mathematics*. 1-15.
- ✔ **Muhammad Aslam Mohd Safari**, Nurulkamal Maseran & **Muhammad Hilmi Abdul Majid**. (2022). Wind Energy Potential Assessment Using Weibull Distribution With Various Numerical Estimation Methods: A Case Study In Mersing And Port Dickson, Malaysia. *Theoretical And Applied Climatology*. 1085-1110
- ✔ **Muhammad Aslam Mohd Safari**, Nurulkamal Maseran & **Muhammad Hilmi Abdul Majid**. (2021). Robust And Efficient Reliability Estimation For Exponential Distribution. *Computers, Materials & Continua*. 2807-2824
- ✔ **Muhammad Hilmi Abdul Majid** & Kamarulzaman Ibrahim. (2021). On Bayesian Approach To Composite Pareto Models. *Plos One*. 1-22
- ✔ **Muhammad Hilmi Abdul Majid** & Kamarulzaman Ibrahim. (2021). Composite Pareto Distributions For Modelling Household Income Distribution In Malaysia. *Sains Malaysiana*. 2047-2058.



### RESEARCHER PROFILE

Scopus<sup>®</sup> 57219163507

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MUHAMMAD HILMI  
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### EDUCATION

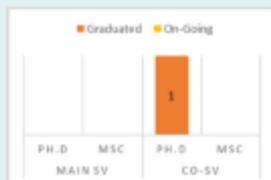


- PhD in Statistics, Universiti Kebangsaan Malaysia
- MSc. in Statistics, Universiti Malaya
- BSc. in Applied Mathematics, University of Auckland

### AREAS OF EXPERTISE

- Statistical modeling
- Time series
- Data science
- Applied statistics

### SUPERVISION



### COLLABORATORS

