



UNIVERSITAS ISLAM NEGERI MAULANA MALIK IBRAHIM MALANG

Faculty of Science and Technology

## Undergraduate Mathematics Study Program

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### STAFF HANDBOOK

Name	Ria Dhea Layla Nur Karisma, M.Si		
Post	Major: Statistics		
Academic Career		Institution	Year
	Initial Academic Appointment	Universitas Islam Negeri Maulana Malik Ibrahim	
	Post Doctoral	-	-
	Doctoral Degree	-	-
	Master Degree	Institut Teknologi Sepuluh Nopember (ITS), Indonesia	2015
	Undergraduate Degree	Institut Teknologi Sepuluh Nopember (ITS), Indonesia	2013
Employment	Position	Employer	Period
	Instructor	Universitas Islam Negeri Maulana Malik Ibrahim	2018 – 2022
	Assistant Professor	Universitas Islam Negeri Maulana Malik Ibrahim	2022 – present
	Associate Professor	-	-
	Full Professor	-	-
Research and development projects over the last 5 years	1. Funder: UIN Maulana Malik Ibrahim Malang research grant ( <i>Penelitian Pembinaan/ Kapasitas</i> ) Title: <i>Model Prediksi Support Vector Machine pada Penggunaan Kontrasepsi Hormonal dan Non Hormonal</i> Period: 2020 Amount of financing: IDR 12,000,000		
	2. Funder: UIN Maulana Malik Ibrahim Malang research grant ( <i>Penelitian Dasar Program Studi</i> ) Title: <i>Pemodelan dan Simulasi Perambatan Suara di interior Masjid Berkubah</i> Period: 2021 Amount of financing: IDR 20,000,000		
	3. Funder: UIN Maulana Malik Ibrahim Malang research grant ( <i>Penelitian Pembinaan/ Kapasitas</i> ) Title: <i>Prediksi Random Forest pada Angka Kematian Bayi di Indonesia</i> Period: 2023 Amount of financing: IDR 15,000,000		
Industry collaborations over the last 5 years	Project title: - Partners: -		
Patents and proprietary	Title	Year	
	-	-	

rights	-	-	
Important publications over the last 5 years	<p><b>Karisma, R. D. L. N.</b>, Arinda, T. S., Widayani, H., &amp; Kusumastuti, A. (2023). Clustering of COVID-19 Provinces in Indonesia Using Fuzzy Means Cluster Methods. Proceedings of the 12th International Conference on Green Technology (ICGT 2022), 394–406. <a href="https://doi.org/10.2991/978-94-6463-148-7_39">https://doi.org/10.2991/978-94-6463-148-7_39</a></p>		
	<p>Hafildah, U., &amp; <b>Karisma, R. D. L. N.</b> (2022). Analisis Ketahanan Hidup Pada Penderita Kanker Serviks Menggunakan Regresi Cox Proportional Hazard. Jurnal Riset Mahasiswa Matematika, 1(5), 246–254. <a href="https://doi.org/10.18860/JRMM.V1I5.14498">https://doi.org/10.18860/JRMM.V1I5.14498</a></p>		
	<p><b>Karisma, R. D. L. N.</b>, Juhari, J., &amp; Rosa, R. A. (2021). Multivariate adaptive regression splines and bootstrap aggregating multivariate adaptive regression splines of poverty in Central Java. CAUCHY: Jurnal Matematika Murni Dan Aplikasi, 6(4), 238–245. <a href="https://doi.org/10.18860/ca.v6i4.10871">https://doi.org/10.18860/ca.v6i4.10871</a></p>		
	<p>Aida, L. N., &amp; <b>Karisma, R. D. L. N.</b> (2021). Measles Disease Model using Censored Hurdle Negative Binomial Regression in East Java. Proceeding of International Conference on Green Technology, 11(1), 20–23. <a href="https://doi.org/10.18860/icgt.v11i1.1396">https://doi.org/10.18860/icgt.v11i1.1396</a></p>		
	<p><b>Karisma, R. D. L. N.</b>, &amp; Harini, S. (2019). Multivariate adaptive regression spline in Ischemic and Hemorrhagic patient (case study). AIP Conference Proceedings, 2084(1). <a href="https://doi.org/10.1063/1.5094267">https://doi.org/10.1063/1.5094267</a></p>		
Activities in specialist bodies over the last 5 years <i>(Membership without a specific role need not be mentioned)</i>	Organization	Role	Period