Name	Dr. Affiati Oktaviarina, S.Si., M.Sc.
Position	Assistant Professor

Academic Career

Academic Appointment	Institution	Year
Doctorate (Mathematics)	UNS Surakarta	2019 - 2026
Master (Mathematics)	UGM Yogyakarta	2008-2011
Undergraduate degree (Mathematics)	Universitas Brawijaya	1997-2002

Employment

No	Position	Employer	Period
1	Lecturer	Universitas Negeri Surabaya	2007-present

Research and development projects over the last 5 years

No	Name of project or research focus	Period	Partners	Amount of Financing
1	Traditional Logistic Regression And Machine Learning Approaches Of Sociodemographic And Anthropometric Factors Influencing Hypertension In Athletes	2026	Kab. Cilacap	IDR 30.000.000
2	Pemetaan Risiko Volatilitas Harga Pangan Pokok Di Jawa Timur : Berbasis Gstar–Kriging Untuk Memperkuat Ketahanan Pangan Dalam Kondisi Perubahan Iklim	2026	-	IDR 30.000.000
3	Pemodelan Berbasis Copula Untuk Mengukur Risiko Dependensi Pada Data Klaim Asuransi	2025	-	IDR 20.000.000
4	Integrasi Model Regresi Logistik Bivariate dan Pohon Keputusan untuk Screening Awal Kasus Hipertensi dan Diabetes pada Calon Atlet Atletik	2024	-	IDR 126.030.000

Industry collaborations over the last 5 years

No	Project title	Partners

Patents and proprietary rights over the last 5 years

No	Title	Year
1	RISET OPERASI: Integrasi Teknologi Dalam Pemrograman Linier	2026
2	Literasi Dasar Pemrograman: Akademi Pahlawan Super Digital PERMAI PENANG untuk PKM Internasional dari UNESA	2026

Important publications over the last 5 years	Total number: 16 Sofro, A'yunin, Maharani, A., Mustafidah, M. E., Khikmah, K. N., Oktaviana, A., & Ariyanto, D. (2026). Traditional logistic regression and machine learning approaches of sociodemographic and anthropometric factors influencing hypertension in athletes. *BAREKENG: Jurnal Ilmu Matematika dan Terapan, 20*(2), 1125–1138. https://doi.org/10.30598/barekengvol20iss2pp1125-1138
Activities in specialist bodies over the last 5 years	**Organization** **Role** **Period**