

DATA AVICENNA

Curriculum Vitae - January 2026

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EDUCATION

The Australian National University (ANU)

Feb 2023 – Dec 2024

Master of Economic Policy

Research School of Economics, College of Business and Economics

Scholarship: Indonesia Endowment Fund for Education (LPDP) — Research Project: "Long-Term Effects of Early-Life Exposure to Severe Air Pollution on Cognitive Development and Mental Health" (using IFLS dataset)

Universitas Gadjah Mada (UGM)

Aug 2018 – Jun 2022

Bachelor of Economics

Department of Economics, Faculty of Economics and Business

Undergraduate Thesis: "Informality and the Wage Returns to Human Capital Investments: Are the Formal and Informal Labor Markets Segmented?" (using IFLS dataset)

MAIN RESEARCH INTERESTS

Labour Economics, Development Economics, Public Economics, Policy Impact Evaluation

WORK EXPERIENCE

Universitas Gadjah Mada

Apr 2025 – Present

Faculty of Economics and Business

Yogyakarta, Indonesia

- **Lecturer** (Jan 2026–Present): Supporting teaching and research activities within the Department of Economics.
- **Junior Lecturer** (Apr–Dec 2025): Supporting teaching and research activities within the Department of Economics; Managed BPS micro datasets (Susenas, Sakernas, Podes) for faculty distribution; Delivering seasonal data analysis training (in Economics Laboratory), primarily using R.

Research Intern

Aug 2022 – Nov 2022

Abdul Latif Jameel Poverty Action Lab Southeast Asia (J-PAL SEA)

Jakarta, Indonesia

- Mainly supported the Inclusive Financial Innovation Initiative (IFII) in data cleaning, data analysis, backchecking and benchtesting surveys, transcribing surveys, and desk research.

Data Analyst Intern

Feb 2022 – Jul 2022

Indonesia's National Team for the Acceleration of Poverty Reduction (TNP2K)

Jakarta, Indonesia

- Supported the monitoring and evaluation unit of TNP2K in quantitative analysis and data-driven policy development for poverty reduction initiatives, that highly involves the use of **Stata**.
- Conducted data cleaning for socioeconomic datasets from surveys such as Susenas and other independent surveys from TNP2K.
- Produced statistical outputs from various surveys (graphs, tables, etc.)
- Assisted the development of quantitative questionnaires.
- Prepared CAPI for various surveys using **CSPPro**.
- Assisted spotchecking for a field survey on the Sembako Program at Southeast Minahasa, North Sulawesi.
- Note-taking and documenting TNP2K's events.

Economics Laboratory Assistant

May 2021 – Jan 2022

Faculty of Economics and Business, Universitas Gadjah Mada

Remote

- Created undergraduate course modules within the Department of Economics, the courses are: Public Economics, International Economics, and Development Planning.

TEACHING

Faculty of Economics and Business, UGM:

- EBIE222104 Statistics 1 (Undergraduate) - 2025
- EBIE222101 Introduction to Economics 1 (Undergraduate) - 2025
- MAT13 Mathematics for Economics (Pre-Masters) - 2025

Other faculties at UGM:

- MMA2503 Introduction to Macroeconomics (Undergraduate, Faculty of Mathematics and Natural Sciences) - 2025
- SPPP212105 Introduction to Economics (Undergraduate, Faculty of Social and Political Sciences) - 2025

TEACHING ASSISTANTSHIPS

- EKO4608 Labor Economics (Undergraduate), UGM (2022)
- EKO3115 Microeconometrics (Undergraduate), UGM (2021)



WORKING PAPERS & WORK-IN-PROGRESS

- "Do returns to schooling and on-the-job training for informal workers differ from formal workers in Indonesia?", with Gumilang Aryo Sahadewo. (Revise & Resubmit)
- "Assessing Local Environmental Spending and Air Pollution Reduction in Indonesia: A Satellite Data Approach", with Ega Kurnia Yazid, Kelvin Ramadhan Hidayat, and Muhammad Faiz Zaidan Alharkan. (In-Progress)
- "The Impact of Commuting on Wages: Quasi-Experimental Evidence from Indonesia's Largest Metropolitan Area", with Naufal Mohamad Firdausyan. (Funded by FEB UGM Research Grant, In-Progress)

SCHOLARSHIPS

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| Indonesia Endowment Fund for Education (LPDP) Scholarship | Nov 2022 |
| <i>Fully-funded scholarship for a master program.</i> | <i>Ministry of Finance of Indonesia</i> |
| Oxford Poverty and Human Development Initiative (OPHI) Scholarship | Jun 2022 |
| <i>Granted course fee waiver for OPHI Summer School on Multidimensional Poverty.</i> | <i>OPHI</i> |

SHORT ARTICLES

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| Burning questions over Indonesia's cooking transition  | Feb 2025 |
| <i>East Asia Forum</i> | |
| Tackling Poverty Amidst COVID-19 in Indonesia  | Oct 2020 |
| <i>ASEAN-Australia Strategic Youth Partnership</i> | |

SUMMER SCHOOLS AND ADDITIONAL COURSES

- MATLAB Onramp - Mathworks [!\[\]\(e27c4336460e9e6729a19580c0456728_img.jpg\)](#)
- Summer School on Multidimensional Poverty Measurement and Analysis - Oxford Poverty and Human Development Initiative (OPHI)
- Intermediate R - Datacamp [!\[\]\(1a140e8db538fd46d58af9f9540232fd_img.jpg\)](#)
- Social and Behavioral Research Investigators - CITI Program [!\[\]\(5a658b86f2c8900a276c586c1f8f9f2f_img.jpg\)](#)

CONFERENCE PRESENTATIONS

- **Asia-Pacific Conference on Economics and Finance 2025.** Paper: "The Impact of Commuting on Wages: Quasi-Experimental Evidence from Indonesia's Largest Metropolitan Area"
- **Asian and Australasian Society of Labour Economics (AASLE) Conference 2024**, sponsored by ANU Student Extracurricular Enrichment Fund. Paper: "Do returns to schooling and on-the-job training for informal workers differ from formal workers in Indonesia?"

DATA ANALYTICAL TOOLS AND PROGRAMMING LANGUAGES

STATA, R, \LaTeX , MATLAB, Microsoft Excel.

ENGLISH PROFICIENCY

- **IELTS: 7.0** (Listening = 8.0, Reading = 7.0, Writing = 6.5, Speaking = 7.0)

ORGANIZATIONS AND COMMUNITIES

- **PPIANU** (ANU Indonesian Students Association) – 2024
- **Canberunners** (weekend running community in Canberra) – 2024
- **Toad Hall Multicultural Festival** (annual multicultural performances at ANU) – 2023-2024
- **HIMIESPA UGM** (UGM Economics Student Union) – 2019-2020
- **FSDE UGM** (UGM Economics Discussion Forum) – 2018-2019
- **Sharia Economics Forum UGM** – 2019