

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 (Economics Laboratory), primarily using R.

Junior Lecturer

Apr 2025 – Dec 2025

Faculty of Economics and Business, Universitas Gadjah Mada

Yogyakarta, Indonesia

- Supporting teaching and research within the Department of Economics, UGM.
- In charge of the management of micro datasets obtained from Statistics Indonesia (BPS), such as Susenas, Sakernas, and Podes, for distribution among students and lecturers of the faculty to support research.
- Instructs seasonal data analysis training (held by Economics Laboratory) using statistical software, such as 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 (IFI) 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 **CSPro**.
- 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

Indonesia Endowment Fund for Education (LPDP) Scholarship

Nov 2022

Fully-funded scholarship for a master program.

Ministry of Finance of Indonesia

Oxford Poverty and Human Development Initiative (OPHI) Scholarship

Jun 2022

Granted course fee waiver for OPHI Summer School on Multidimensional Poverty.

OPHI

SHORT ARTICLES

Burning questions over Indonesia's cooking transition [↗](#)

Feb 2025

East Asia Forum

Tackling Poverty Amidst COVID-19 in Indonesia [↗](#)

Oct 2020

ASEAN-Australia Strategic Youth Partnership

SUMMER SCHOOLS AND ADDITIONAL COURSES

- MATLAB Onramp - Mathworks [↗](#)
- Summer School on Multidimensional Poverty Measurement and Analysis - Oxford Poverty and Human Development Initiative (OPHI)
- Intermediate R - Datacamp [↗](#)
- Social and Behavioral Research Investigators - CITI Program [↗](#)

CONFERENCE PRESENTATIONS

- **Asia-Pacific Conference on Economics and Finance.** 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