

# DATA AVICENNA

Curriculum Vitae - January 2026

[✉ dataavicenna@mail.ugm.ac.id](mailto:dataavicenna@mail.ugm.ac.id) [in Data Avicenna](https://www.linkedin.com/in/data-avicenna/) [↗ davicenna.github.io](https://davicenna.github.io)

## EDUCATION

<b>The Australian National University (ANU)</b> <i>Master of Economic Policy</i>	<b>Feb 2023 – Dec 2024</b>
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)	<i>Research School of Economics, College of Business and Economics</i>
<b>Universitas Gadjah Mada (UGM)</b> <i>Bachelor of Economics</i>	<b>Aug 2018 – Jun 2022</b>
Undergraduate Thesis: "Informality and the Wage Returns to Human Capital Investments: Are the Formal and Informal Labor Markets Segmented?" (using IFLS dataset)	<i>Department of Economics, Faculty of Economics and Business</i>

## MAIN RESEARCH INTERESTS

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

## WORK EXPERIENCE

<b>Universitas Gadjah Mada</b> <i>Faculty of Economics and Business</i>	<b>Apr 2025 – Present</b>
• <b>Lecturer</b> (Jan 2026–Present): Supporting teaching and research activities within the Department of Economics.	<i>Yogyakarta, Indonesia</i>
• <b>Junior Lecturer</b> (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.	
<b>Junior Lecturer</b> <i>Faculty of Economics and Business, Universitas Gadjah Mada</i>	<b>Apr 2025 – Dec 2025</b>
• Supporting teaching and research within the Department of Economics, UGM.	<i>Yogyakarta, Indonesia</i>
• 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.	
<b>Research Intern</b> <i>Abdul Latif Jameel Poverty Action Lab Southeast Asia (J-PAL SEA)</i>	<b>Aug 2022 – Nov 2022</b>
• Mainly supported the Inclusive Financial Innovation Initiative (IFII) in data cleaning, data analysis, backchecking and benchtesting surveys, transcribing surveys, and desk research.	<i>Jakarta, Indonesia</i>
<b>Data Analyst Intern</b> <i>Indonesia's National Team for the Acceleration of Poverty Reduction (TNP2K)</i>	<b>Feb 2022 – Jul 2022</b>
• 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 <b>Stata</b> .	<i>Jakarta, Indonesia</i>
• 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 <b>CSPro</b> .	
• Assisted spotchecking for a field survey on the Sembako Program at Southeast Minahasa, North Sulawesi.	
• Note-taking and documenting TNP2K's events.	
<b>Economics Laboratory Assistant</b> <i>Faculty of Economics and Business, Universitas Gadjah Mada</i>	<b>May 2021 – Jan 2022</b>
• Created undergraduate course modules within the Department of Economics, the courses are: Public Economics, International Economics, and Development Planning.	<i>Remote</i>

## 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 Gumlilang 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, L<sup>A</sup>T<sub>E</sub>X, 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