

# DATA AVICENNA

Curriculum Vitae - January 2026

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## EDUCATION

<b>The Australian National University (ANU)</b> <i>Master of Economic Policy</i>	<b>Feb 2023 – Dec 2024</b>
	<i>Research School of Economics, College of Business and Economics</i>
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)	
<b>Universitas Gadjah Mada (UGM)</b> <i>Bachelor of Economics</i>	<b>Aug 2018 – Jun 2022</b>
	<i>Department of Economics, Faculty of Economics and Business</i>
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

<b>Universitas Gadjah Mada</b> <i>Faculty of Economics and Business</i>	<b>Apr 2025 – Present</b>
	<i>Yogyakarta, Indonesia</i>
<ul style="list-style-type: none"><li>• <b>Lecturer</b> (Jan 2026–Present): Supporting teaching and research activities within the Department of Economics.</li><li>• <b>Junior Lecturer</b> (Apr–Dec 2025): Supporting teaching and research activities within the Department of Economics; Managed Statistics Indonesia's (BPS) micro datasets (Susenas, Sakernas, Podes) for faculty distribution; Delivering seasonal data analysis training (in Economics Laboratory), primarily using R.</li></ul>	
<b>Research Intern</b> <i>Abdul Latif Jameel Poverty Action Lab Southeast Asia (J-PAL SEA)</i>	<b>Aug 2022 – Nov 2022</b>
	<i>Jakarta, Indonesia</i>
<ul style="list-style-type: none"><li>• Mainly supported the Inclusive Financial Innovation Initiative (IFII) in data cleaning, data analysis, backchecking and benchtesting surveys, transcribing surveys, and desk research.</li><li>• Assisted Professor Benjamin Olken in data scraping for the following publication: "Do celebrity endorsements matter? A Twitter experiment promoting vaccination in Indonesia". ↗</li></ul>	
<b>Data Analyst</b> <i>Indonesia's National Team for the Acceleration of Poverty Reduction (TNP2K)</i>	<b>Feb 2022 – Jul 2022</b>
	<i>Jakarta, Indonesia</i>
<ul style="list-style-type: none"><li>• Supported the monitoring and evaluation unit of TNP2K (policy think-tank under the Office of Indonesia's Vice President) in quantitative analysis and data-driven policy development for poverty reduction initiatives, that highly involves the use of <b>Stata</b>.</li><li>• Conducted data cleaning for socioeconomic datasets from surveys such as Susenas and other independent surveys from TNP2K.</li><li>• Produced statistical outputs from various surveys (graphs, tables, etc.)</li><li>• Assisted the development of quantitative questionnaires.</li><li>• Prepared CAPI for various surveys using <b>CSPro</b>.</li><li>• Assisted spotchecking for a field survey on the Sembako Program at Southeast Minahasa, North Sulawesi.</li><li>• Note-taking and documenting TNP2K's events.</li></ul>	

## Economics Laboratory Assistant

*Faculty of Economics and Business, Universitas Gadjah Mada*

**May 2021 – Jan 2022**

*Remote*

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

## TEACHING

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### Faculty of Economics and Business, UGM:

- EBIE222104 Statistics 1 (Undergraduate) - 2025
- EBIE222204 Statistics 2 (Undergraduate) - 2026
- EBIE222101 Introduction to Economics 1 (Undergraduate) - 2025
- EBIE222101 Introduction to Economics 2 (Undergraduate) - 2026
- MAT13 Mathematics for Economics (Master of Economic Development) - 2025-2026
- MAN5007 Managerial Economics (Master of Business Administration) - 2026

### Other faculties at UGM:

- MMA2503 Introduction to Macroeconomics (Undergraduate, Faculty of Mathematics and Natural Sciences) - 2025
- MMA1504 Introduction to Microeconomics (Undergraduate, Faculty of Mathematics and Natural Sciences) - 2026
- SPPP212105 Introduction to Economics (Undergraduate, Faculty of Social and Political Sciences) - 2025

## TEACHING ASSISTANTSHIPS

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

## RESEARCH ASSISTANTSHIPS

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- "Do Celebrity Endorsements Matter? A Twitter Experiment Promoting Vaccination in Indonesia", Vivi Alatas, Arun G Chandrasekhar, Markus Mobius, Benjamin A Olken, Cindy Paladines, in *The Economic Journal* (2024). ↗

## WORKING PAPERS & WORK-IN-PROGRESS

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- "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

*Fully-funded scholarship for a master program.*

Nov 2022

*Ministry of Finance of Indonesia*

### Oxford Poverty and Human Development Initiative (OPHI) Scholarship

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

Jun 2022

*OPHI*

## SHORT ARTICLES

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### Burning questions over Indonesia's cooking transition ↗

*East Asia Forum*

Feb 2025

### Tackling Poverty Amidst COVID-19 in Indonesia ↗

*ASEAN-Australia Strategic Youth Partnership*

Oct 2020

## SUMMER SCHOOLS AND ADDITIONAL COURSES

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- 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

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- **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**

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STATA, R, L<sup>A</sup>T<sub>E</sub>X, MATLAB, Microsoft Excel.

## **ENGLISH PROFICIENCY**

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

## **ORGANIZATIONS AND COMMUNITIES**

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- **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