

# DATA AVICENNA

Curriculum Vitae - January 2026

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## EDUCATION

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### 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

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

## WORK EXPERIENCE

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### 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 Statistics Indonesia's (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.
- Assisted Professor Benjamin Olken in data scraping for the following publication: "Do celebrity endorsements matter? A Twitter experiment promoting vaccination in Indonesia". 

### Data Analyst

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 (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 **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

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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

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

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### 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

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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