IDZHAR ELNA ARBARIZQ

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PROFESSIONAL SUMMARY

Economics researcher and data analyst experienced in applied research, impact evaluation, health financing, Input-Output analysis, microsimulation, survey and administrative microdata, and data visualization. M.Sc. Economics candidate at Universitas Indonesia with project experience for ADB, JICA, and Indonesian government institutions.

PROFESSIONAL EXPERIENCE

Asian Development Bank — **Data Analyst** | Nov 2025 - Present

- Analyze BPJS Kesehatan sample data and other relevant datasets to support the randomized controlled trial (RCT) design under TA 10275-INO, “Improving Spending Efficiency in Indonesia’s National Health Insurance System.”

Transdisciplinary Institute — **Junior Researcher** | Sep 2024 - Present

- Support a JICA project estimating the impacts of Indonesia’s Makan Bergizi Gratis (MBG) program using Input-Output (I-O) analysis and SUSENAS-based microsimulation.
- Support an update of the impact study on BPJS Ketenagakerjaan’s Jaminan Kematian (JKM) and Jaminan Kecelakaan Kerja (JKK) programs through data preparation and quantitative analysis.
- Supported the Asian Development Bank project “Improving the Spending Efficiency of the National Health Insurance System Indonesia” by exploring, analyzing, and visualizing the 1% BPJS sample dataset containing more than 2 million observations.
- Prepared and analyzed macroeconomic, social, and environmental data for downstreaming studies of nickel, palm oil, and bauxite for the Ministry of Investment/BKPM.
- Supported a cost-benefit analysis for the Ministry of Energy and Mineral Resources by preparing and analyzing oil and gas, minerals and coal, renewable energy, and energy conservation data.
- Scraped more than 16,300 job vacancy records from JobStreet and LinkedIn using Python for an LPEM UI project.

Transdisciplinary Institute — **Research Assistant (Intern)** | Mar 2024 - Sep 2024

- Coordinated with researchers, supported research execution, and processed and analyzed project data.
- Served as a resource person for research dissemination on Eid homecoming activity and air pollution, covered by Kompas Daily (Apr 2024).

Sekolah Stata — **Teaching Partner** | Mar 2024 - Present

- Teach data processing and analysis using census and survey data from Statistics Indonesia (BPS) and microdata from the Indonesian Family Life Survey (IFLS).

Lembaga Demografi, Universitas Indonesia — **Research Assistant - KSST Project (Subcontract)** | 2024

- Conducted web scraping and data collection for more than 2,000 companies and organizations using Google Maps and websites, and participated in project meetings and discussions with Bappenas.

LP3ES — **Assistant to Expert / Data Processing Specialist (Subcontract)** | Aug 2024 - Oct 2024

- Processed, analyzed, and visualized data in R for the Ministry of Environment and Forestry (KLHK) environmentally friendly behavior index project, coordinating with project experts on data preparation and implementation.

Regional Tax Service and Collection Unit of Pasar Rebo (UP3D Pasar Rebo) — **Administrative Assistant Intern** | Jan 2023 - Feb 2024

- Supported regional tax administration and services related to PBB-P2, e-BPHTB, taxpayer document archiving, and SK NJOP issuance.

EDUCATION

Universitas Indonesia — **M.Sc. Economics (in progress)**, GPA 3.81/4.00 (Semester 3) | Aug 2025 - Present

Universitas Islam Negeri Syarif Hidayatullah Jakarta — **Bachelor of Development Economics** | Sep 2020 - Jul 2024

- GPA: 3.71/4.00

TECHNICAL SKILLS

Data & Programming: Stata, R, Python, SQL, Microsoft Excel, Google Sheets
Quantitative Methods: Econometrics, statistical analysis, Input-Output analysis, microsimulation, survey and census microdata analysis, data visualization
Data Collection: Web scraping, data cleaning, data preparation, Google Forms, Autocrat

AWARDS & LEADERSHIP

- 1st Place, National Scientific Writing Competition, Economic Development Competition, Khairun University Ternate (2023-2024). Paper: “Kemiskinan Rumah Tangga Petani dan Karakteristik Kepala Rumah Tangganya di Indonesia: Studi Analisis Data IFLS-5.”
- Head of Scientific Department, Development Economics Study Program Student Association (Jun 2022 - Dec 2023); organized seminars and training, coordinated scientific programs, and supported student learning materials.
- Secretary General, Community of Syiar Islam, Faculty of Economics and Business (Jan 2022 - Dec 2022).