# Ade Dwi Aryani
**+62 813 1923 4830** I **adedwiaryan@gmail.com**
**LinkedIn** I **Portfolio** I **Bekasi, Indonesia**

## About Me

Insightful data analyst with a solid background in economics research, proficient in handling medium to large datasets to generate data-driven insights. With over two years of experience as a Research Assistant at Bank Indonesia, I have contributed to impactful studies in the banking sector by applying econometric and machine learning methods. My contributions have resulted in two published papers in Bank Indonesia's working paper that can serve as valuable references for future research in the banking sector and provide empirical evidence for banking policies. To further enhance my analytical skills, I completed a Data Analyst Bootcamp at Revou, where I gained proficiency in Python, SQL (BigQuery), spreadsheets, and Tableau. With in-depth experience in data analysis, I am committed to supporting impactful decision-making through data-driven insights and contributing to organizational success.

## Education

**RevoU**                                                                                              Jun, 2024 – Sep, 2024
**Non-degree in Full-stack Data Analytics**
*Final Project: Optimizing Hotel Occupancy Strategies to Prevent Booking Cancellations*
Grade: 100/100 (proficient)

Learned data structures, applied statistical methods, and utilized software like Spreadsheet, SQL, and Python for data manipulation, as well as visualized data using Tableau and Power BI software. Achieved a perfect score (100/100) on a final project analyzing customer behavior with linear regression and K-Means clustering.

**IPB University**                                                                                     Sep, 2015 – Oct, 2019
**Bachelor of Economics**
*Undergraduate Thesis: The Effect of Income and Food Prices on Staple Food Consumption Diversification in Indonesia*
GPA: 3.56/4.00 (cumlaude)

Studied economics, statistics, and mathematics, with a minor in functional management. Actively involved in the Economics and Development Studies Student Association (HIPOTESA) at IPB University. Participated in the Student Creativity Program (PKM) and won 3rd place in the PKM-PSH presentation at the 31st PIMNAS in 2018.

## Working Experiences

**Research Assistant, Bank Indonesia**                                                                  May, 2022 – Present
- Executed data collection, cleaning, tabulation, and visualization processes from large monthly datasets (2010-2024) in the banking sector, ensuring accuracy and integrity to support research initiatives at Bank Indonesia.
- Analyzed data using statistical software (R, Python, and Stata) and machine learning techniques, identifying trends and developing predictive models with over 80% accuracy, enhancing the quality of research in the banking sector.
- Contributed to writing four studies in the banking sector, with two published in Bank Indonesia's working paper, providing valuable references for future research and empirical evidence for government banking policies.
- Authored an article in Bank Indonesia Epsilon on financial inclusion and monetary policy that received over 33,000 hits and has been cited by three other publications, sparking discussions on economic policy. *Article link here.*

**Personal Assistant to Advisor, Chairul Tanjung (CT) Corp**                                            Mar, 2020 – Dec, 2021
- Conducted research and data visualization on the impact of COVID-19 on micro and small enterprises (MSEs) in Indonesia, resulting in a presentation deck for discussions in the DPR and MPR regarding national economic revitalization in the COVID-19 era.
- Facilitated weekly webinars that engaged over 200 MSMEs during the COVID-19 pandemic, providing essential information and support to help these businesses navigate significant challenges.
- Collaborated with reporters to conduct in-depth research and gather materials on economic and legal issues, producing over 5 articles monthly that enhanced reporting clarity and credibility and improved audience engagement.

## Additional Information

**Technical Skills:**
Programming Language: SQL, Python, R
Data Analysis & Visualization Tools: MS Excel, BigQuery, Tableau, Power BI, VS Code, RStudio, Stata
Software Tools: Canva, MS Word, MS PowerPoint

**Soft Skills:**
Analytical Thinking, Collaboration & Communication, and Problem-Solving

**Certification:**  
1. **Full Stack Data Analytics**, Issued by RevoU                                    Oct, 2024
2. **Investigasi Class: Machine Learning in e-Commerce**, Issued by DQLab            Jan, 2023
3. **Full Time Data Science**, Issued by Hacktiv8                                    Apr, 2022