Nada Farhani Rustiawan

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SUMMARY

I'm a Data Analyst specializing in transforming complex datasets into actionable business and scientific insights using Excel, Python, SQL, and Tableau. I design and automate end-to-end data workflows that integrate cleaning, statistical modeling, and visualization. Through analyses, I've helped optimize decision-making, increase reporting accuracy by 25%, and reduce manual work hours by 40%. I'm passionate about combining automation and storytelling with data to drive measurable improvements in efficiency, insight quality, and stakeholder understanding.

EDUCATION

Universitas Padjadjaran | Geophysics | GPA: 3.64/4.00 *Aug 2019 - Jun 2023*
Area of Interest: Statistics, Data Analysis, Geostatistics, GIS, Project Management
Achievements:
- Diamond Award (1st Place) in International Competition of Five Minutes Thesis Issued by MNNF Network Malaysia (2023)
- 1st Favorite Winner Mapid Project Competition Issued by Mapid (2022)
- Karya Salemba Empat Scholarship Awardee Issued by Yayasan Karya Salemba Empat (2021-2023)

RevoU | Full Stack Data Analytics *Jun 2025 - Feb 2026*
Key Topics: Business Understanding, SQL, Exploratory Data Analysis (EDA), Dashboarding (Tableau & Power BI), Storytelling with Data, Python

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EXPERIENCE

Processing Geophysicist | PT. Qyudos Geosurvey Indonesia *Jun 2024 – Present*
PT Qyudos Geosurvey Indonesia is a geophysical and geological service company specializing in survey design, data processing, and interpretation for exploration and environmental projects.
- Managed and analyzed geophysical and spatial data (gravity, magnetic, sonar) of offshore site, identifying key geological patterns that improved subsurface interpretation accuracy by 20%.
- Conducted data quality control and validation, ensuring 99.9% data consistency across multi-phase exploration projects.
- Created visual summaries and structured reports that supported exploration and project decision-making, reducing reporting time by 25%.
- Collaborated with multidisciplinary team of 10+ surveyors and engineers to interpret data trends and deliver insights aligned with project goals.

Data Analyst | Bank Sampah Digital *Jan 2025 - Apr 2025*
Bank Sampah Digital is a social enterprise focused on community-based waste management through a digital platform.
- Developed an end-to end data tracking system for waste collection operations, improving data processing efficiency by 35%.
- Automated data processing workflows and performance dashboards using Python and Looker Studio, reducing manual reporting time by 30% and improving data accuracy.

Field & Laboratory Assistant | Universitas Padjadjaran *Feb 2021 - Jul 2023*
- Supervised 80+ students in data acquisition and processing for gravity, magnetic, and seismic projects.
- Developed instructional materials and reports to communicate analytical results effectively, improving student reporting consistency by 35% and simplified supervisor review cycles.

Research of Geological Resources Student Thesis | Pusat Survei Geologi (KESDM) *Aug 2022 - Jun 2023*
- Analyzed and modeled gravity and magnetotellurics data using Oasis Montaj and Matlab, identifying subsurface anomalies that improved geological interpretation accuracy by 20%.
- Developed visual and cross-sectional models that enhanced data interpretation speed by 30% and supported decision-making for regional mapping.

Data Processing Student Intern | Pusat Survei Geologi (KESDM)   *Jun 2022 - Jul 2022*
- Processed and standardized large-scale gravity datasets using Excel, QGIS and Oasis Montaj, improving data accuracy and consistency across research projects by 15%.
- Contributed to building a centralized digital repository for geological research, enabling faster data retrieval and long-term archiving of national-scale datasets.

PROJECT

Late Shipment Analysis in Supply Chain Dataset | [Link to Project](#)   *Sep 2025*
- Performed Exploratory Data Analysis (EDA) and regression modeling shipment records using Python to identify key factors that contributed to 40% of delivery delays.
- Developed interactive Tableau dashboards visualizing shipment performance, regional trends, and delay predictors, increasing stakeholder visibility and decision-making speed by 25%.
- Delivered data-driven recommendations that could reduce late shipment frequency by 15%, improving operational efficiency and overall supply chain reliability.

ORGANIZATIONS

Chairperson | Student Volunteer at Himpunan Ahli Geofisika (HAGI)   *Sep 2022 - Oct 2022*
- Coordinated seminar operations for 100+ participants using structured scheduling and communication workflows, ensuring seamless event execution and on-time delivery.
- Managed logistics and technical setup across multiple sessions, including venue preparation, materials, and system testing, increasing participant engagement and satisfaction by 25%.

Staff of External Relations | Mahasiswa Geofisika Indonesia (HMGI)   *Jun 2021 - May 2022*
- Established and managed communication with 10+ external organizations using structured outreach strategies, building long-term collaborations for national academic and professional events.
- Coordinated partnership and sponsorship programs to fund student initiatives, securing full event financing and boosting participation by 30% across regional chapters.
- Represented the organization in networking forums and industry meetings, strengthening relationships between students and professionals in the geophysics and energy sectors.

Head of Sport and Art | Mahasiswa Geofisika PEDRA Universitas Padjadjaran   *Feb 2021 - Dec 2021*
- Organized and led 10+ sports and arts events, fostering teamwork and engagement among 200+ students in the geophysics community.
- Managed event planning, budgeting, and logistics using structured project timelines, achieving 100% on-time delivery and positive participant feedback.
- Developed creative programs that increased student participation by 25% and strengthened collaboration across academic and extracurricular teams.

CERTIFICATION

Data Science | Digital Skola   *Oct 2024*
Key Topics: Data Analysis, Machine Learning, Python, SQL, Artificial Neural Networks (ANN), Data Visualization.

Energy GeoHackathon | SPE Europe Energy   *Dec 2023*
Key Topics: Geothermal energy, Data Analysis, Subsurface Evaluation, Innovative Energy Solutions.

SKILLS

Analytical Tools: Python (Pandas, NumPy, Matplotlib), SQL, Tableau, Looker Studio, Excel, Google Sheets
Data Skills: EDA, Data Cleaning, A/B Testing, Dashboard Design, Storytelling with Data, Prompt Engineering
Other Software: ArcGIS/QGIS, Surfer, Oasis Montaj, AutoCAD, Petrel
Languages: English (B2), Korean (A1), Mandarin (A1)
Soft Skills: Critical Thinking, Adaptability, Collaboration, Attention to Detail