

## RYANDI PERMANA PUTRA

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### SUMMARY

Data Analytics-Cloud Engineer with over 7 years of experience in project, process, and analytics. Certified as solutions architect, I specialize in propelling business growth, business efficiency, and customer acquisition. As a process engineer, I've led quality analysis, optimized operations, and collaborated in dynamic and cross-functional settings. I leverage my data analytics capability for impactful decision-making, tackling business challenges precisely through data. My engineering background enables me to blend computation, visualization, and communication seamlessly. I'm dedicated to translating data insights into actionable strategies for business success and customer delight.

### EXPERIENCE

#### PT Revolusi Cita Edukasi (Revou) | Mentor at Kampus Merdeka - AWS CendekiAwan | Jan 2024 – Present

- Awarded as best mentor of the cohort.
- Delivering and mentoring lab-simulation about AWS cloud system, AWS database, data analytics, data visualization, and data communication.
- Monitoring students' performance through checklists, assessing peer-to-peer dynamics, and providing detailed notes on interpersonal skills and overall performance to ensure comprehensive progress.
- Reporting in the Faculty Form, offering suggestions for the week's performance, providing detailed insights and feedback for each module based on students' reception.

#### PT Indonesia Epsom Industry | Parts/QA Engineer & Analyst | Dec 2022 - Present

- Lead quality analysis for key parts production, inspection processes, akin to collecting, cleaning, and analyzing data sets for business decisions.
- Analyze 4M factors, derive solutions through data-driven approaches.
- Create impactful dashboards for data-driven decisions.
- Drive quality assurance in a dynamic manufacturing setting, collaborating with cross-functional teams.
- Achieved 75-80% 4M success rate and reduced production costs by 35%.

#### PT Revolusi Cita Edukasi (Revou) | Data Analyst Associate | Sep 2023 – Jan 2024

- Conduct data query and visualization, offering insights at each project milestone.
- Deliver periodic analysis reports to users and Marketing Department & its manager.
- Complete KPI dashboards, marketing strategy, and periodic company performance evaluation.

#### PT Indonesia Epsom Industry | Parts Production Senior Engineer | Aug 2016 - 2022

- Spearheaded process optimization for plastic injection and metal die stamping, enhancing productivity and quality.
- Streamlined production planning and cross-functional collaboration to meet targets.
- Lead quality assurance efforts, encompassing inspections, SOP development, data analysis, and equipment management, while ensuring safety and compliance.

#### PT Lintech Duta Pratama | Project Engineer | Dec 2014 – Jul 2016

- Cost budgeting, material planning and procurement, fieldwork supervision, and project progress assessment.
- Achieved successful stakeholder management.
- Proficiently design systems using AutoCAD, while collaborating with stakeholders to define project requirements and provide technical insights.

### ACHIEVEMENT & PROJECT

#### Bank Promotion Performance & Customers Analysis with New Product Cost-Benefit Analysis

- Evaluating business performance, clustering customers for targeted promotions, and assessing cost-benefit analysis of a new service product already in pilot stage.

#### Insurance Claim Imbursement Strategy

- Solving 25% fraud claim rate and spiking loss ratio to 4.7 to restore business stability. Deploying advanced fraud detection measures that is aimed for curbing fraud and bring down loss ratio to acceptable levels, with target 32% decrease.

#### Production 4M - Machine - Manpower Performance Data Pipeline and Dashboard

- Addressing challenges in production costs and labor hours. Made powerful dashboards—Machine & Shiftly Groups—provide insights into a team of 30+ personnel, 20+ machines, 2000+ monthly working hours, and 12000+ monthly sample parts, revolutionizing operational management for enhanced productivity.

#### Retail Transaction-Coupon Analysis with Customers Clustering

- Aiming 30% retail sales increase. Prioritizing customer loyalty, expanding segments, exploring product cross-selling opportunity, and optimizing operations. Strategically elevates sales through customer-focused tactics and operational efficiency.

#### Data Visualization Projects:

- Insurance Policy Holder Payment Performance (AWS QuickSight)
- Bank Loan & Credits
- Production 4M - Machine - Manpower Performance
- Insurance Company Marketing Performance
- Credit Card Complaints Handling Performance

### EDUCATION

#### PT Revolusi Cita Edukasi (Revou) | Full Stack Data Analytics Program | May 2023 – Sep 2023

- Cultivated a robust skill set in the realm of data analytics through a rigorous six-month program encompassing immersive lectures, collaborative study sessions, hands-on practical exercises, and collaborative group projects.

#### Sepuluh Nopember Institute of Technology Surabaya (ITS)

#### Bachelor of Applied Science (B.A.Sc.) - Design and Manufacture Engineering | July 2011 – Sep 2015

- Certified in Computer-Aided Design, structural analysis, and CNC engineering, skilled in production management, resource optimization, HSE, maintenance, and various fabrication processes.

SKILLS

**Tools:** Excel-Spreadsheet, SQL: MySQL-BigQuery, Python: Data Structures, Numpy, Pandas, Scipy-Stats, Sklearn, Tableau, Docker, AWS, GCP, Mage. Business Analytics, Business Communication, Critical Thinking, Organizational Leadership, Business Acumen, Stakeholder Management.

**Data Analytics** Exploratory Data Analysis (EDA), Data Cleaning, Descriptive Statistic, A/B Testing, Significance Test, Cohort Analysis, Correlation Analysis, Cluster Analysis, Market basket analysis, Propensity Model, Cost-Benefit Analysis, Impact Analysis. Data Pipeline, Orchestration, ELT/ETL.

**Cloud Engineering** AWS, Google Cloud Platform, Terraform. Web app architecture, Networking, Security.

- Certification:**
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| 1. <a href="#">AWS Certified Solution Architect -Associate, Amazon Web Services</a>      | (2024, March)    |
| 2. <a href="#">AWS Certified Cloud Practitioner, Amazon Web Services</a>                 | (2024, February) |
| 3. Python for Data Science and Machine Learning Bootcamp, Pierian Training               | (2023, November) |
| 4. Full-stack Data Analytics, Revou  | (2023, August)   |
| 5. Integrating Python, SQL, and Tableau, 365 Careers                                     | (2023, June)     |
| 6. MySQL for Data Analytics and Business Intelligence, Udemy                             | (2023, May)      |
| 7. Python Data Structures, Sololearn   | (2023, April)    |
| 8. High Stakes Leadership: Leading in Times of Crisis, University of Michigan – Coursera | (2020, November) |
| 9. Critical Thinking & Problem-Solving, Rochester Institute of Technology – Coursera     | (2020, April)    |
| 10. Capital Budgeting, TICMI   | (2020, March)    |