Emir Rakhim

Jakarta, Indonesia 11620 **|** Phone: (+62)81284048326 **|** Email: emirrakhim30@gmail.com **|**
Linkedin: Emir Rakhim | Portfolio: Click Here

PROFILE

2 years of experience as a data analyst in the banking industry, holds a Bachelor's degree from Universitas Indonesia and possesses a deep passion for data and information technology. Excels in utilizing Python, SQL, SAS, BigQuery, Looker, Tableau, and Excel to deliver insightful analyses and solutions. Known for strong analytical and problem-solving abilities, dedicated to continuous learning and consistently contributes as a valuable team player.

PROFESSIONAL EXPERIENCES

DEVELOPMENT BANK OF SINGAPORE (DBS BANK)   **Jakarta**
Data Analyst   *January 2023 – Present*

- Developed new 15+ interactive Tableau dashboards for stakeholders and created 4 new regulatory reports for DBS Singapore Regional HQ, Bank Indonesia and OJK, enhancing decision-making and compliance reporting.

- Saved 44% of BAU budget and 824 hours per year (equivalent to 103 workdays) by engineering a robust automation pipeline and seamless reporting systems. Integrated Tableau dashboards, achieving 100% accuracy and efficiency. Leveraged advanced skills in Python programming and SAS software.

- Conducted RFM analysis and K-Means Clustering using Python to identify customer segmentation for QRIS, enhancing insights into customer behaviour.

- Conducted over 50+ ad-hoc analyses to meet diverse business unit requests, directly contributing to strategic planning and operational improvements.

- Boosted customer engagement and transaction volumes by identifying key merchants and successfully identified fraud patterns in transactions and onboarding registration processes, contributing to the development of SOPs that enabled proactive business actions.

- Recognized for quick adaptation, strong collaboration, and a passion for innovation in problem-solving, demonstrating a consistent track record of excellence.

- Achieved a 100% success rate in developing new scripts and Tableau dashboards for transaction monitoring (QRIS, BIFAST, Transfer, Remittance), campaign tracking (QRIS Promo, Push Notification Campaigns Tracking), product performance (UT and savings products), customer journey tracking (Login and Transaction Journey), customer segment analysis, and customer acquisition (monitoring sales and digital marketing performance).

- Improved over 5 existing Tableau dashboards by reducing refresh times, optimizing size, and enhancing user experience, making insights more accessible and actionable.

- Transformed 15 SQL-based scripts into Python for cloud server migration (GCP) and automation, utilizing libraries such as **Pandas, DuckDB, PySpark, Numpy, Saspy, Pantab,** and **PyreadStat**, thus improving efficiency and scalability.

- Served as a mentor, sharing Python and Tableau tips with the team and assisting data engineers in mapping merchants and Indonesian regions, fostering a culture of continuous learning and collaboration.

PT. INDONESIA POWER   **Garut, West Java**
Chemistry and HSE Intern   *July 2021 – September 2021*
- Conducted detailed analysis of carbon dioxide emissions at Kamojang Unit 2 Geothermal Plant using the Clean Development Mechanism (CDM), leveraging Excel to develop performance analysis strategies and produce insightful data visualizations and pivot tables.
- Provided key insights and recommendations to management to improve the carbon dioxide reduction from the power plant.
- Awarded recognition as a top-performing intern for outstanding contributions to the project and the team.

EDUCATION

UNIVERSITAS INDONESIA   **Depok, West Java**
Bachelor's Degree in Geology   *September 2018 – July 2022*
GPA 3.71/4.00 (Graduated Cum Laude)

ORGANIZATION AND LEADERSHIP EXPERIENCES

Badan Eksekutif Mahasiswa(BEM) FMIPA UI   **Depok, West Java**
Deputy of Development and Caderization Division   *January 2020 – January 2021*
- Conducted thorough gap analysis by comparing each division's performance against the student executive board grand plan standard at the halfway and endpoint of the tenure.
- Successfully organized a caderization program in 2020 that featured a new standardization system and preparation program to equip new candidates with the skills and knowledge necessary to become qualified leaders.

American Association of Petroleum Geologists (AAPG) SC UI   **Depok, West Java**
Research and Development Staff   *February 2019 – February 2020*
- Conducted thorough research on petroleum trends and valid reading sources, which led to the creation of compelling and informative infographic content.
- Utilized strong research skills and analytical abilities to provide insightful data and findings, contributing significantly to the development and success of the AAPG.

SKILLS

Technicals
Business Knowledge (Banking) | Microsoft Office | Python | SQL | BigQuery| SAS | Looker | Tableau | Excel
Non-Technicals
Detail-oriented | Well-organized | Growth-oriented | Leadership | Team Player| Strategic Thinking | Hard-worker

PORTFOLIO

HR Attrition Dashboard (Skills: Tableau)
Developed a comprehensive HR Overview Dashboard that delivers insights into key metrics such as attrition rates, demographic distribution, and employee education levels. This dashboard enables management to identify attrition trends, craft effective retention strategies, and tailor employee development programs. By providing clear and informative data visualizations.

Customer Complaint Dashboard (Skills: SQL and Tableau)
Developed a Customer Complaint Dashboard that provides insights into complaint trends, request types, and yearly comparisons. This dashboard enables management to identify key areas of customer dissatisfaction, track the effectiveness of service improvements, and make data-driven decisions to enhance customer experience.

Sales Region Excel Dashboard (Skills: Pivot and Excel Dashboard)
Developed an insightful Sales Dashboard that offers a comprehensive view of sales performance by state, city, item category, and time-period. This dashboard facilitates strategic decision-making by highlighting key trends and sales patterns, enabling the identification of top-performing regions and products.

Data Science Job Analysis (Skills: BigQuery, Python, Looker Studio)
Performed data analysis by leveraging BigQuery for data extraction, Python for data cleaning and outlier removal, and Looker for visualization. This comprehensive project involved analyzing key metrics such as remote vs. non-remote work, salary distribution, employee count, job levels, and types of data roles.

CERTIFICATION

- English First Set: Certified C2 (Advanced Level)
- Google Data Analytics
- IBM Data Analytics (Python and SQL Course)
- ICT Certified Data Analyst Trainee
- Macquarie University: Excel for Business Essentials