Rio Rizki Aryanto

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Data Scientist | Data Analyst | Python Developer

Results-driven data scientist with 7 years of experience in data analysis, consulting, advertising, and market research. Proficient in Python for data science, statistics, and machine learning, with additional expertise in back-end development. Holds a Bachelor's degree in Statistics and a Master of Informatics with a focus on data science, poised to contribute analytical skill and technical proficiency to drive data-driven success in a dynamic team.

EXPERIENCES

Lead of Data | Thrive   *Feb 2023 - Present*

- Led and mentored a high-performing team, demonstrating versatility as a data professional by seamlessly managing responsibilities spanning data engineering, analysis, and science.
- Oversaw workload management, providing crucial technical guidance to foster the team's professional development and optimize operational efficiency.
- Specialized in coding for data retrieval and implemented enhancements to streamline ETL processes, significantly improving overall efficiency
- Ensured uninterrupted access to high-quality data for comprehensive analysis, contributing to informed decision-making across the organization.
- Fostered effective communications with internal stakeholders and clients, establishing strategic alignment and delivering exceptional service through proactive collaboration.

Manager of Data & Back-end Developer | FlavorWiki   *Apr 2021 - Jan 2023*

- Spearheaded and managed a team of Junior Data Scientists, offering guidance, overseeing workload management, and actively cultivating their growth in data analysis.
- Played a pivotal role as a data engineer and Python back-end developer, adeptly managing engineering and development responsibilities to enhance system efficiency.
- Ensured the flawless operation of data analysis feature within FlavorWiki's application, contributing to a seamless user experience.
- Elevated the performance and reliability of data analysis features, implementing optimizations that significantly enhanced functionality and user satisfaction.
- Collaborated seamlessly with cross-functional teams, delivering valuable insights and supporting client project through thorough statistical analysis

Data Scientist & Head of Data | Thrive   *Aug 2017 - Apr 2023*

- Held a central role as a multifaceted data engineer, analyst, and scientist, leading and mentoring a dynamic data team to achieve optimal performance.
- Orchestrated end-to-end ETL processes, meticulously ensuring a seamless data flow to facilitate subsequent in-depth analysis.
- Leveraged advances data analysis skills to extract actionable insights, formulate strategic recommendations, and enhance overall decision-making processes.

- Oversaw the monitoring and tracking of key performance indicators (KPIs) for clients and internal teams, ensuring data-driven insights were aligned with organizational objectives.

Jr. Data Scientist | Dattabot   *Aug 2016 - Aug 2017*
- Functioned as a junior data scientist within the Research and Development team, specializing in the creation of sophisticated data models tailored for social media analysis.
- Pioneered research initiatives on Named Entity Recognition utilizing the Hidden Markov Model algorithm, driving the development of advanced data models.
- Collaborated closely with the data engineer, contributing to the architecture and refinement of cutting-edge data models.
- Conducted in-depth research, offering actionable insights, and actively participated in iterative enhancements of data models, ensuring their relevance and effectiveness.
- Significantly improved accuracy and efficiency in extracting pertinent information from social media sources through the continuous refinement of data models.

Data Analyst | Adstensity   *Jan 2016 - Aug 2016*
- Served as a Data Analyst at Adestensity, a product of Binokular Media Utama specializing in the meticulous monitoring of television ad data.
- Responsible for validating new data entries in the database and ensuring alignment with the master data.
- Conducted in-depth analysis to provide valuable insights for clients in the advertising industry.
- Developed expertise in data validation, analysis, and generating actionable insights from large datasets in the context of television advertising.

EDUCATIONS

Universitas Islam Indonesia | Master of Informatics | GPA: 3.97   *Feb 2020 - Feb 2022*

Universitas Gadjah Mada | Bachelor's degree of Statistic | GPA: 3.60   *Aug 2011 - May 2015*

TECHNICAL SKILLS

Programming language (Python, R, JavaScript) | **Database** (MySQL, MongoDB) | **Data visualization** (Looker, Power BI) | **Google services** (Google Sheet, Google Analytics & Google Tag Manager, Google App Script) | **Statistics tools** (SPSS, Stata) | **Regex** | **Microsoft Office**

PUBLICATIONS

Comparative Study of Machine Learning Classification Model in Recommendation System for Undergraduate Study Program Selection
Jurnal RESTI (Rekayasa Sistem dan Informasi Teknologi) · Oct 24, 2021
DOI: https://doi.org/10.29207/resti.v5i5.3392
Analyzing Public's Reaction towards Black Lives Matter Campaign using Machine learning-based Approach through Spark
IOP Conference Series: Materials Science and Engineering
DOI: https://iopscience.iop.org/article/10.1088/1757-899X/1077/1/012005