

# Rio Rizki Aryanto

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## Data Scientist | Data Analyst | Python Developer

Experienced data scientist with a proven track record of 7 years in data analysis, data consulting, advertising, and market research. Proficient in data science, statistics, and machine learning, utilizing Python as my primary tool. I also bring back-end development experience with a focus on Python. Strong educational background, holding a bachelor's degree in Statistics and a Master of Informatics with a specialization in data science.

## EMPLOYMENT HISTORY

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### Lead of Data at Thrive

#### February 2023 - Present

- Manage and guide a talented team while also contributing as an individual data engineer.
- Oversee workload management, mentorship, and provide technical guidance to facilitate the team's growth.
- Specialize in coding for data retrieval and efficient ETL (Extract, Transform, Load) processes.
- Ensure seamless access to high-quality data for analysis.
- Maintain effective communication with internal stakeholders and clients to align strategies and deliver exceptional service.

### Manager of Data | Data Engineer | Back-end Developer at FlavorWiki

#### April 2021 - January 2023

- Led and managed a team of Junior Data Scientists, providing guidance, workload management, and fostering their growth in data analysis.
- Actively contributed as a Data Engineer | Back-end Developer, handling engineering and development responsibilities.
- Ensured the smooth operation of data analysis features within the FlavorWiki's application.
- Optimized performance and reliability of data analysis features.
- Collaborated with cross-functional teams to deliver valuable insights and support client projects through statistical analysis.

### Data Scientist | Head of Data at Thrive

#### August 2017 - April 2021

- Played a pivotal role as a Data Engineer, Data Analyst, and Data Scientist within the organization.
- Handled end-to-end ETL (Extract, Transform, Load) process to ensure seamless data flow for analysis.
- Extracted insights, generated recommendations, and supported decision-making processes using data analysis expertise.
- Conducted research, implemented advanced techniques, and developed user-friendly data dashboards as a Data Scientist.
- Facilitated KPI monitoring and tracking for clients and other teams through the development of data dashboards.



- Managed a data team by providing guidance and mentorship to support the company's services collectively.

**Jr. Data Scientist at Dattabot**

**August 2016 - August 2017**

- Worked as a Jr. Data Scientist in the Research and Development Team, specializing in developing data models for social media analysis.
- Focused research on Named Entity Recognition using the Hidden Markov Model algorithm for developing data models in social media analysis.
- Collaborated closely with the data engineer to design and refine innovative data models with potential for new company products.
- Conducted research, provided insights, and actively participated in iterative improvement of data models.
- Enhanced accuracy and effectiveness in extracting relevant information from social media sources.

**Data Analyst at Adstensity**

**January 2016 - August 2016**

- Worked as a Data Analyst at Adstensity, a product of Binokular Media Utama specializing in monitoring 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.
- Supported the internal team at Tirto.id, a media publisher, by providing data analysis for news articles.
- Developed expertise in data validation, analysis, and generating actionable insights from large datasets in the context of television advertising.

**SKILL**

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

**FIELD OF EXPERTISE**

Machine learning | Natural Language Processing (NLP) | Predictive Modeling | Multivariate Statistics | Time Series Analysis | Sensory Analysis | Regular Expression

**EDUCATION**

Master of Informatics, Universitas Islam Indonesia	Feb 2020 - Feb 2022
Bachelor Degree of Statistics, Universitas Gadjah Mada	Aug 2011 - May2015

