# Ruben Pattiradjawane

## Data Analyst

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LinkedIn

## SUMMARY

As a recent graduate from a data analyst course program, I am thrilled to embark on my journey in the data industry. With a strong passion for data and a drive to excel, I have acquired valuable hands-on experience during my studies, working on various projects. Through these experiences, I have developed a solid foundation in data cleaning, visualization, and statistical analysis, allowing me to transform raw data into actionable insights. I take pride in my ability to effectively communicate complex findings and collaborate in cross-functional teams, resulting in successful project outcomes. I am excited to leverage my analytical skills and dedication to make a meaningful impact in the data-driven world.

## WORK EXPERIENCE

### Finance Consultant

### PT. Kontak Perkasa Futures

(Juli 2019 – Agustus 2021)

- Actively provided customers with essential financial information to facilitate their decision-making.
- Analyzed market trends.
- Assessed investment opportunities.
- Delivered personalized guidance to empower clients in making well-informed choices.
- Cultivated strong client relationships through effective communication and tailored advice.
- Contributed to clients' financial success.

### Data Analyst

### PT. Ras Teknologi Indonesia

(November 2023 – Now)

- Ensure the integrity and utility of data within the organization.
- Perform data cleaning, meticulously correcting or removing inaccuracies.
- Analyze data to uncover trends and insights, aiding in problem-solving and informed decision-making.
- Collaborate and work with colleagues from different departments to align objectives and methodologies.
- Create robust data structures to streamline data management and enhance accessibility.
- Develop algorithms and tools for scripting the election of candidates, facilitating a fair and efficient selection process.

## PROJECT EXPERIENCE

- **Inventory & Sales Program for Store Goods**

  I completed this project using VSCode. The task was to create a Python program with two main menus: one for staffand another for customers. The staff menu focused on essential functions like reading, creating, updating, and deleting data, with sub-menus for navigation. Using Python, I successfully designed and implemented the program, enabling effective data management for staff and providing customers with features like reading, purchasing, and managing a shopping cart. This project enhanced my Python coding skills and understanding, and I welcome feedback to further improve.

**Project Link**

- **Data Analysis of Youtube Trending Videos**

  In this project, I worked on analyzing a dataset of YouTube trending videos in the US from 2017 to 2018. Using an .ipynb file format, my task involved understanding the dataset, cleaning the data, and conducting analysis based on different columns. Thoroughly exploring the dataset's structure and contents, I addressed missing values, outliers, and inconsistencies during the data cleaning process. The resulting .ipynb file showcased my ability to handle real-world datasets, providing valuable insights into YouTube trending videos during the specified timeframe. This project further honed my skills in data understanding, cleaning, and analysis. I eagerly welcome feedback and suggestions to continuously improve and enhance my data analysiscapabilities.

  **Project Link**

- **Data Analysis & Machine Learning of California Housing Price**

  I completed this project with the aim of developing a machine learning model to predict the 'median_house_value' in the California housing prices dataset. Although the dataset was collected in 1990, potentially limiting the model's relevance compared to more recent datasets, I successfully completed several stages. These included data cleaning, handling outliers, creating new features, encoding categorical data, scaling numerical data, and splitting the dataset into training and testing sets. Additionally, I benchmarked eight algorithms using three metrics (RMSE, MAE, MAPE) to identify the best-performing model. After selecting the optimal model, I conducted hyperparameter tuning to refine its parameters, resulting in a Tuned Model that represents the culmination of my capstone project. I invite feedback to further enhance my machine learning skills.

  **Project Link**

- **Data Analysis & Machine Learning of UK Used Car**

  In this project, I am focusing on analyzing and developing a machine learning model with hyperparameter tuning to predict the target variable 'price' in the '100,000 UK Used Car' dataset. Due to the limited data, there are inherent limitations to my machine learning model. Throughout the final project, I followed several stages, starting with data cleaning to ensure uniformity and removing outliers. I then performed exploratory data analysis to extract insights. Next, I proceeded with modeling, which involved data splitting (80:20 proportion), encoding, scaling, and benchmarking eight algorithms using three metrics (RMSE, MAE, MAPE) to identify the best model. Finally, I conducted hyperparameter tuning to obtain the optimal parameters. The end result was the Tuned Model, which is utilized for predicting the 'price' target variable.

  **Project Link**

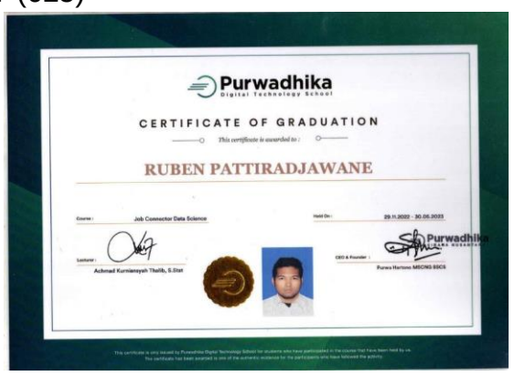
## EDUCATION

- **Purwadhika Digital Technology School**
  Data Science & Machine Learning (Final Accumulated Score : 85)
- **Telkom University**
  Teknik Informatika
- **SMAN 8 Jakarta**
  Science

## LICENSES & CERTIFICATION

- **Purwadhika Digital Technology School (Nov 2022)**
  Data Science & Machine Learning
  Certificate Link
- **LBI FIB UI (Juni 2021)**

Toefl PBT (597) & Toefl CBT (625)



Purwadhika
Digital Technology School

CERTIFICATE OF GRADUATION

*This certificate is awarded to :*

RUBEN PATTIRADJAWANE

Course : Job Connector Data Science

Held On : 29.11.2022 - 30.06.2023

Lecturer :
Achmad Kurniansyah Thalib, S.Stat

CEO & Founder :
Purwa Hartono MSCMS BSCS

Purwadhika

## SKILLS

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- Python Programming
- Microsoft Word
- Microsoft Excel
- SQL Database & Query
- Data Cleaning
- Data Wrangling
- Data Visualization
- Statistical Data Analysis
- Machine Learning
- Git & Github
- Data Visual Studio Code