

# Hussein Muhammad Saefullah

Data Analyst / Data Scientist

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## SUMMARY

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Starting with a curiosity about becoming a Data Analyst, I found every step along the path thrilling. My interest grew even more as I delved into it. As I progressed, I developed a strong interest in Machine Learning and Deep Learning.

To further enhance my skills and knowledge in this field, I am actively seeking opportunities and positions as a Data Scientist or Analyst. I'm eager to apply what I've learned to real business scenarios.

## EDUCATION

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<b>Dian Nuswantoro University</b> <i>Bachelor of Computer Science(GPA 3.50/4.00)</i> ( <a href="#">Transcript</a> )	<b>Semarang, Indonesia</b> 2018 – 2023
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<b>Hacktiv8 Bootcamp</b> <i>Data Science Program. Score: 84%</i> ( <a href="#">Transcript</a> )	<b>Jakarta, Indonesia</b> 03/2022 - 06/2022
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## WORK EXPERIENCE

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<b>Project-Based Virtual Intern</b> Data Scientist Kalbe Nutritionals x Rakamin Academy Successfully completing various challenges within the project, including data analysis, the implementation of machine learning, and applying business acumen.	<b>Remote</b> 10/2023 - 10/2023
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<b>PT OGOS INDONESIA GEMILANG (internship)</b> Data Centre: Daily Customer Report Cleaning and Customer Data Recap with nearly 3000 records from each Customer Service.	<b>Pekalongan, Indonesia</b> 09/2022 - 10/2022
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## SKILLS

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**General Skills:** Exploratory Data Analysis, Time Series Analysis, Machine Learning, Web Scraping  
**Programming Language:** Python, SQL.  
**Visualization Tools:** Tableau, Google Data Studio, Power BI Desktop  
**Libraries / Framework:** TensorFlow, Scikit-learn, Streamlit, Pandas, Numpy, Matplotlib, Seaborn, Selenium  
**Techniques:** NLP, Time Series Analysis, Forecasting  
**Modeling Algorithms:** Regression, Random Forest, Decision Trees, Neural Networks, Clustering, and Dimensionality Reduction.

## PROJECTS

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<b><a href="#">Topic Modelling LDA-Based Telemedicine</a></b> Implementing Topic Modeling using Telemedicine Questionnaire. The objective here is to create a model that is able to classify a topic to data we collect from scrapping. hoping that I am able to see a pattern of any health-issue related in that current year. <i>Technology / Tools: Python, Pandas, NumPy, NLP, Text Preprocessing, Gensim, Plotly</i>	<i>May 2023</i>
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## **Recency Frequency Monetary Analysis**[\[Video\]](#)

*Juli 2022*

RFM Analysis: Utilizing RFM analysis for Customer Segmentation

*Technology / Tools: Tableau, Python, Pandas, Numpy, Seaborn, Matplotlib, Scikit-Learn, Statsmodels, Streamlit*

## **[Telecommunication Company Customer Churn Prediction](#)**

*April 2022*

Developed a machine learning project utilizing Artificial Neural Networks to forecast customer churn for a telecommunications company, based on historical customer data

*Technology / Tools: Python, Pandas, NumPy, Seaborn, Matplotlib, SciPy, Scikit-Learn, Feature-Engine, TensorFlow, Keras, Streamlit.*

## **[Fraudulent Transaction Prediction](#)**

*April 2022*

In this case a machine learning model will be created, to predict whether a transaction that occurs is a fraudulent transaction or not.

*Technology / Tools: Python, Pandas, Numpy, Seaborn, Matplotlib, Plotly, Machine Learning*

## **[Term Deposit Prediction](#)**

*April 2022*

Given a dataset, which will be analyzed and create a Machine Learning model based on the dataset requirements, which is to predict whether a person will accept an offer to make a term-deposit.

*Technology / Tools: Tableau, Python, Pandas, Numpy, Seaborn, Matplotlib, Scikit-Learn, Statsmodels.*

## **CERTIFICATIONS**

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### **Forage**

PwC Switzerland - Power BI Job Simulation

Certificate: [Certificate of Completion](#)

*Issued on 2023  
No expiration date*

### **Rakamin Academy**

Project-Based Virtual Intern Data Scientist

Certificate: [244333IAPHGIK29102023](#)

*Issued on 2023  
No expiration date*

### **HackerRank**

SQL (Advanced)

Certificate: [ID-4B699C30A346](#)

*Issued on 2023  
No expiration date*

### **HackerRank**

SQL (Intermediate)

Certificate: [ID-AF51CD3B3AB3](#)

*Issued on 2023  
No expiration date*

### **HackerRank**

SQL (Basic)

Certificate: [ID-2594EC28C7E](#)

*Issued on 2023  
No expiration date*

### **Forage**

British Airways - Data Science Job Simulation

Certificate: [Certificate of Completion](#)

*Issued on 2023  
No expiration date*

### **HackerRank**

Python (Basic)

Certificate: [ID-A3C7981A9B3C](#)

*Issued on 2022  
No expiration date*