



Muhammad Ali Sultan

Python || Data Science Enthusiast ||
Research Papers And Technical Writer

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Jakarta, Indonesia

A resourceful and dedicated student with excellent **analytical skills** and a demonstrated commitment to providing great results. An aspiring **Data Science professional** currently pursuing Informatics Engineering at **Universitas Mercu Buana**, is distinguished by a **3.69 CGPA** and a passion for transforming data into actionable insights. As a **Data Science Research Assistant**, I contribute actively to informatics research, blending theoretical concepts with practical applications. My role as an **Assistant Lab** in Mercu Buana reflects hands-on expertise in troubleshooting, maintaining equipment, and optimizing experiments. Proficient in Python, machine learning frameworks, and certified in **SQL** and **Python** programming, I bring a unique blend of analytical thinking and problem-solving skills. My innovative projects include **Time Series Forecasting**, **QnA generation using different models like valhalla**, and **Brain Tumor Classification Using ResNet and EfficientNet**. Fluent in **English** and **Indonesian**, my diverse interests span across **algorithmic optimization**, **data analysis**, **handling and creating models**. Committed to continued academic excellence, I am poised to make a meaningful impact in the dynamic field of data science.

WORK EXPERIENCE

○ Data Science Research Assistant / Assistant Laboratorium Universitas Mercu Buana

07/2023 - Present

Jakarta, Indonesia

Achievements/Tasks

- Conducted a research internship at Mercu Buana University, actively contributing to the institution's research initiatives in the field of informatics and Data Science
- Collaborated with a multidisciplinary team of researchers, fostering an environment of shared knowledge and innovation.
- Assisting lecturers and fellow researchers in the design, implementation, and optimization of experiments, showcasing a keen eye for detail and a proactive approach to problem-solving.

PERSONAL PROJECTS

Microsoft Phi2 model integration For QnA generation

- Created a web interface with Gradio where users can generate Questions and Answers from their documents including word and pdf.

Cricket Shots Classification Using VGG16, ResNet50 and EfficientNet

- Used the three different CNN models for the classification of the Cricket Shots, ultimately comparing their respective performance.

Brain Tumor Classification Using ResNet50 and EfficientNet

- Classification of different kinds of Brain Tumors using ResNet50 and EfficientNet, leading to an accuracy of **0.xxx**

EDUCATION

○ Informatics Engineering Universitas Mercu Buana

02/2021 - Present

3.69 CGPA

SKILLS

Python

SQL

Tensorflow

Clustering

Time Series Forecasting

Data Visualization

GitHub

Problem-Solving

CSS

HTML

Data Analytics

MySQL

Data Analytics

Statistical Analysis

Numpy, Panda, Seaborn

Git

Problem-Solving

Microsoft Office

Efficient Communication

Meeting Deadlines

LANGUAGES

English

Full Professional Proficiency

Indonesian

Professional Working Proficiency

INTERESTS

Advanced Data Analysis

Algorithmic Optimization

BI Analysis

Research Methodologies

Big Data

Machine Learning

Data Optimization

Deep Learning

Neural Networks