

Nuzula Afini

fresh graduate on Data Science | Data Enthusiast

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I recently graduated from the Data Science program (S.Si.D) at the University of Technology Yogyakarta, with GPA 3.84. Passion for data analysis and critical thinking drives me to tackle challenges head-on and systematically uncovering valuable insights, such as transforming complex data into implementable strategies and providing for business decision-making. Proficient in Python programming, extensively used in various projects, ranging from data analysis to application development. I am fluent in Indonesian and possess working proficiency in English, which use it in professional communication. This portfolio highlights the technical expertise and hands-on experience I've gained. I am highly confident that the ability to analyze and interpret data is crucial for helping companies achieve their business goals more efficiently and effectively.

Educations

University of Technology Yogyakarta • Data Science

| July 2020 - August 2024 | GPA 3.84 / 4.00

Thesis Title: "Application of the K-Means Algorithm for Clustering Skincare Purchase Patterns on Tokopedia E-Commerce"

Academic and Non-Academic Achievements:

1. Published in the Proceedings of the National Seminar SENOVTIK 2023.
2. Selected as Student Representative in Department Accreditation 2023.
3. Head of Media Division, HIMASADA 2021/2022.
4. Awarded Internal Scholarship for Academic Excellence 2020/2021.
5. Authored a publication for the Student Creativity Program (PKM) in 2021.
6. Secured a Silver Medal in POSI Mathematics OSM Olympiad 2020.

Relevant Course : Data Science EcoSystem, Basis Data, Big Data and Analytics, Data Mining Knowledge Discovery, Data Preparation, Ensemble Learning and Resampling Methods, Machine Learning, Model Optimations

SMK 1 Bantul • Accounting and Finance

| July 2017 - July 2020 | GPA 83 / 100

Sociality and Organization :

Selected Platoon of BHAMAYOBA 2017/2018, Scoutt 2018/2020 and Youth Health Organization 2017/2020.

Project

Forecasting Skincare Data on Tokopedia • January 2024 - June 2024

- Applied the K-Means algorithm to cluster skincare purchase patterns on Tokopedia, using data scraped in January 2024 with Chrome Driver from the Tokopedia E-Commerce platform.

SENOVTIK Titanic • November 2023

- Created a classification model for Titanic passenger survival using ensemble methods, achieving 93.26% accuracy with voting techniques.

Power BI to CRM Integration via AWS • July - October 2023

- Developed an automated solution to connect CRM data directly to Power BI using AWS S3, allowing real-time data synchronization and visualization for improved business insights.

Data Science Website • June 2023

- Built a Django Project-based website for students to upload project resumes, creating a repository for future cohorts to reference, using Python Programming Language.

Forecasting for Brand Expansion at Deepublish • January - February 2022

- Analyzed company data to forecast the best location for a new branch, using data-driven insights to support strategic business expansion.

Professional Experience

Solution Architect • PT Awan Integrasi Sandidata (ViBiCloud)

9 month | February 2023 - October 2023

- As a Solution Architect in the Data domain encompasses the comprehensive management and maintenance of company data through the use of industrial tools such like Power BI, SQL Server, and AWS services. This includes the administration of the company's CRM system, ensuring seamless data integration and integrity across all platforms. Engagement in significant industry events such as the AWS Cloud Event at JiExpo, AWS Textract Bootcamp at Sinarmas Land, and ViBiCloud Expo in BSD, Tangerang.

Skills: Python (Programming) · AWS Cloud · Business Intelligence (Power BI)

Data Assistant • Penerbit Deepublish

1 month | February 2022

- Management of relational databases includes tasks such as handling managerial databases, spreadsheet forecasting, and managing local and city data from shipment databases. This work ensures accurate and efficient data processing, supporting informed decision-making across various functions.

Skills: Python (Programming) · Business Analytics and Intelligence (Spreadsheet, RapidMiner)

Data Administrative Assistant • Penerbit Deepublish

2 month | December 2021 - January 2022

- Management and updating of ling systems for both management and sales data include tasks such as updating ISBN document procedures, handling billing data, processing mail order procurement, database management, and coordinating promotional activities for Deepublish. Additionally, responsibilities extend to managing DOP and DK sheets and overseeing order data for sales from 2021 and 2022.

Skills: Python (Programming) · Business Intelligence (Ms.Excel, RapidMiner, Spreadsheet)

Certifications

Solution Architect | ViBiCloud

Oktober 2023

| Credential ID : Independent

Problem Solving Basic Certification | HackerRank

September 2023

| Credential ID : 4d4deef3b051

Python Basic Certification | HackerRank

September 2023

| Credential ID : 0c5594e974cf

Microsoft Office Word | Certiport

Agustus 2023

| Credential ID : wdLyG-H9mE

ASEAN Data Science Explorers 2022 | ASEAN Foundation

Juni 2022

| Credential ID : 13.2061/ACA/STI/VI/2022

ASEAN Data Science x Sakuby Academy | ASEAN Foundation

Juni 2022

| Credential ID : 13.2061/ACA/STI/VI/2022

Machine Learning Professional | Altair RapidMiner Academy

Juni 2022

| Credential ID : ec7b7cea-47e6-4ba5-97de-e787d016758a

Administrative Assistant | Penerbit Deepublish

Februari 2022

| Credential ID : 17/SHT/HC/II/2022

Data Engineering Professional | Altair RapidMiner Academy

Mei 2021

| Credential ID : 6893b560-18b5-46d3-8fea-96933d86031d

Online English Course Sudents | Kampung Inggris Pare

Juni 2020

| Credential ID : -

Publications

Sistem Pendukung Keputusan untuk Mengukur Permintaan Produk pada E- Commerce dengan Fuzzy Inference System Study Kasus Orabae.com

2023 | <http://dx.doi.org/10.37438/jimp.v7i1.404> | P-ISSN : 2502-5716 | E-ISSN : 2503-1945

Analisis Pengaruh Golongan Usia Terhadap Perekonomian Daerah menggunakan Regresi Linear Sederhana (Data Angkatan Kerja) menurut Golongan Umur di Kabupaten Kutai Timur.

2022 | Application Number : EC00202132304