

Isti Nur Azizah – Data Analyst

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SUMMARY

An Information Technology graduate with a strong interest in data analyst and data-driven problem-solving. Proficient in using Python, SQL, and Power BI for data processing and visualization. Experienced in working on various data analysis projects published on GitHub, utilizing datasets from Kaggle. Committed to continuous learning and skill development in the field of data analytics.

SKILLS

Programming Language	Python (Pandas, NumPy, SciPy, Matplotlib, Scikit-learn)
Database	MS SQL Server
BI & Visualization Tools	Power BI , MS Excel

PROJECTS

- Bike Shop Analysis**Desember, 2024
- Analyzed 17,290 rows of "Toman Bike Share" data using **SQL** to evaluate profit growth and significant increases in user numbers.
 - Summarized the data into four key metrics: hourly revenue analysis, profit and revenue trends, seasonal revenue, and rider demographics, identifying key factors affecting sales. Using visualization tools such as **Power BI**.
 - Recommended a conservative price increase of 10-15%, which could yield a 25% revenue growth and a 64% increase in demand.

- Sales Analysis**Desember, 2024
- Analyzed sales data consisting of 1,000 rows obtained from Kaggle in **Excel** format to create a responsive and interactive daily report dashboard.
 - Visualized the dashboard using pivot tables, filtered into four criteria: city, customer type, product line, and payment method, achieving an average rating of 6.97%.

- Sentiment Analysis of Jakarta Air Pollution**June, 2024
- Crawled 500 tweets from social media X using the tweet-harvest library with Node.js.
 - Preprocessed tweets using **Python** (case folding, cleansing, tokenization, stopword removal, stemming) with 75% stemming accuracy.
 - Analyzed data using Naïve Bayes Classifier (NBC) and Support Vector Machine (SVM) with TF-IDF and four data splits.
 - NBC achieved the highest accuracy (80%) with a 90:10 data split.

WORK EXPERIENCE

- Dinkominfo Purbalingga (Academic Internship)**Desember 2022 – Februari 2023
Division of Informatics
- Redesigned the UI/UX of the PTIPD Purbalingga website using Figma to enhance user experience.
 - Performed data entry and content updates on SIKERSABANGGA and E-Kinerja platforms.
 - Managed Instagram content for the “Jubah Baru” program, including creating Reels for event documentation.
 - Supported event documentation through photo and video production for official use.
 - Handled public inquiries on the MATURBUP Purbalingga Kab website

EDUCATION

State Islamic University of Walisongo Semarang

Faculty of Science and Technology

Department of Information Technology

2020 – 2024

INTEREST

Writing, Research, Problem-Solving, Collaboration, Analytical Thinker

Link Portofolio : <https://github.com/Azizah62>