

Skills

- SQL
- R (dplyr, ggplot, highcharterR, reactable)
- Python (Pandas, NumPy, Matplotlib, Conda)
- Excel (Vlookup, Aggregating, Pivot Tables)
- Tableau
- Visual Studio Code (Jupyter, Git, UNIX)

Projects

SPOTIFY INDONESIA ANALYSIS – Personal Project – <https://github.com/alifdwt/Visualif> June 2023

- Utilized **Python** to web scrape data from Kworbs.net and get +4000 rows about the most streamed tracks in Indonesia.
- Used Spotify API to create a playlist automatically based on tracks and artists, then scrape its audio features to gain insights.
- Applied mood classification with deep learning and produce a final model with an accuracy of ~76%.
- Aggregated and visualized the data by using **tidyverse** to make an insightful and good-looking visualization.

SENTIMENT ANALYSIS ON LYRICS – Personal Project – <https://alifdwt.github.io/posts/Spotify-Top50Indo/Spotify-Top50Indo.html> – “Benarkah Orang Indonesia Suka Dengerin Lagu Sedih?” May 2023

- Utilized **Jupyter Notebook** to scrape lyrics data from Musixmatch about the Top 50 Tracks Indonesia’s Playlist on Spotify.
- Performed data cleaning and text analysis to make the EDA process better, and to create lyrics vectorization.
- Used Vader-Sentiment to gain insights about the sentiments in those song lyrics.
- Visualized the data by using **tidyverse** and **wordcloud** to compile the insights into a meaningful report.

TRANSPORTATION ANALYSIS – Personal Project – <https://alifdwt.github.io/posts/Transjakarta/TransjakartaR.html> Feb 2023 “Statistik Penumpang Transportasi Jakarta Tahun 2021”

- Used Jakarta Open Data to get tabular data about public transport in Jakarta.
- Utilized **R dplyr** to extract, transform, and filter data using aggregating and filtering to improve the reporting process.
- Loaded and visualized data with **RStudio Tidyverse** to get information about passenger data per transport line.

NETFLIX ANALYSIS – Personal Project – <https://alifdwt.github.io/posts/Netflix/NetflixR.html> FEB 2023 “Grafik Top 10 Netflix 2021-2023”

- Used **R programming language** to transform and load data about reports per country, global, and most popular shows.
- Utilized statistical modeling techniques to identify correlations between user demographics and content preferences.
- Implemented data visualization techniques to communicate findings effectively.

ALIF DEWANTARA PERSONAL WEBSITE – Personal Project – <https://alifdwt.github.io> Jan 2023 “Alif Dewantara (alifdwt.github.io)”

- Utilized **RStudio** and **Quarto** to build HTML dynamic content.
- Applied **HTML** to create the main page and **CSS** for website styling.
- Used **GitHub Pages** to publish this personal website to the internet.

Work Experience

DATA ADMIN INTERNSHIP – Edubi Global Media – Bandung, West Java February 2022 - June 2022

- Create administrative reports consisting of the entry and exit of goods from the warehouse.
- Provide reports and documents needed related to the sale of goods to offices/schools.
- Assist finance staff in making financial administration reports.
- Retrieve logistics data from Edubi samples based on quantity, type, and product category.

Education

BACHELOR OF HUMANITIES – Padjadjaran University – Bandung, West Java 2017 - 2022 Majors: Research · Analytical Skills · Critical Thinking · Dutch