DICKY ARYANTO

dicky.gps105@gmail.com | +6282337412861 | LinkedIn: Dicky Aryanto

Data scientist who enjoys studying developments in economics, business, and AI. I am passionate about exploring and learning new things to create artificial intelligence that can assist society in making informed decisions.

WORKING EXPERIENCE

Data Analyst and Secretary, UD RIO   **July 2022 - Present**

- Created a stationary product inventory database. Prior to this, UD RIO used the generic product name "Pembelian ATK." I implemented a significant change by cataloging over 3000 unique products and storing them in a database table at UD RIO, following a naming convention of Brand + Product Name + Product Type + Additional Description.
- Managed the minimum stationary stock levels in the warehouse by analyzing data from the highest weekly sales and incorporating safety stock levels based on the lead time for product delivery from the central warehouse.
- Produced monthly cost and income reports and developed a monitoring dashboard to assist stakeholders in tracking fluctuations in sales and expenses.
- Designed a sales strategy to increase stationary sales targets by arranging product displays in close proximity to items with high sales potential.
- Developed an order management system using the Python programming language and the Trello app to assist the Sales team in efficiently organizing customer orders. The Python program was designed to consistently extract data from the database when new transactions were entered through the cashier's computer. It interfaced with the Trello API to create new cards and assign them to the relevant team members.
- As a Secretary, I organized all company correspondence and implemented a unique coding system to categorize various types of company letters that were previously combined.
- Actively participated as a notetaker in all company meetings, including internal meetings and meetings with UD RIO's business partners.
- As a Secretary, I crafted job proposals for customers while considering initial budgets that were both profitable and appealing to clients.

EDUCATION

Tadulako University   **August 2018 - June 2022**

- **Bachelor of Mathematics** (GPA : 3.8/4.0)
- **Thesis Title :** Control of Dynamic Models of Drug Addict Groups Involving Treatments Such as Education, Rehabilitation, and Interaction Monitoring.

CERTIFICATION

Kaggle   **December 2023**

- Kaggle Notebooks Expert

Dicoding   **July 2023 - October 2023**

- Analisis Data Dengan Python
- Dasar Visualisasi Data
- Dasar Data Science

Udemy   **January 2023 - September 2023**

- **The Data Science Course :** Complete Data Science Bootcamp
- Data Analytics Real World Projects in Python

Coursera Google   **January 2023 - June 2023**

- Project Manager Foundation

DQLab   **January 2022 - June 2022**

- Fullstack Data Analyst in Python

TECHNICAL SKILLS

Programming Language:
Python, HTML, CSS, MySQL

Tech Stack:
Scikit-learn, Pandas, Numpy, Matplotlib, Seaborn, Django, Flask, Pytorch, JCOpml, HTML, CSS, Tableau, Canva, SPSS, Microsoft Office

Language:

- Indonesian (Native or bilingual proficiency),
- English (Professional working proficiency)

PROJECTS

Fertilizer Company, Data Science Indo (DSW) Profesional Challange

Mapping Free-Text Product Names to Catalog SKUs for a Fertilizer Company
Private Project
October 2023

Technology Stack:
- numpy for numerical computing in Python
- pandas is a powerful library for data manipulation and analysis. It provides data structures such as data frames that make it easy to work with structured data and perform tasks like data cleaning, exploration, and analysis.
- matplotlib.pyplot & Seaborn is a usefull library for visualize and report impact from models
- Word2Vec from gensim.impact is a part of the Gensim library used for natural language processing tasks. It is used to convert words or phrases into numerical vectors, allowing for the analysis of semantic relationships between words and documents.
- cosine_similarity from sklearn.metrics.pairwise is a metric used to measure the similarity between two non-zero vectors.

Sales Business Analyst

Analyzing Zoomato's sales data and gaining insights from the data to increase sales
https://drive.google.com/file/d/1vWqMbg39i8ys-QdKo87a9zNBRu1zgCwr/view?usp=sharing
September 2023

Technology Stack:
- Applying business logical thinking in the business context to clarify ambiguous targets or answers.
- ChatGPT to assist in providing efficiency solution in creating Python Order Management with Trello API.
- Extract, Transform & Load data using Python program language.
- Exploratory Data Analyst using Python.
- Visualization using Tableau.
- Presentation using Canva.

Order Management

Utilizing the Trello API & Python to generating all orders from the cashier database to Trello
June 2023

Technology Stack:
- Python request library
- Flask library to run the program on the server
- Pandas library to process data in order to fulfill the parameters of the Trello API's such as card name, card start date, card due date, checklist title, checklist items, etc
- Numpy library to assist in matrix operations, linear algebra, etc
- ChatGPT to assist in providing efficiency solution in creating Python Order Management with Trello API

Bank Marketing

Analyst and Target Prediction
https://www.kaggle.com/code/dickyaryanto/analyst-insight-ml-predict-95
February 2023

Technology Stack:
- matplotlib and seaborn for visualize and indetify patterns in the target variable of the data.
- Feature Engineering by analyzing A/B testing.
- Feature Selection using Chi_square method from sklearn.model_selection.
- Best param using GridSearchCV from sklearn.preprocessing.
- RandomForestClassifier method from sklearn.ensemble.
- Model evaluating using classification_report and confusoin_matrix by sklearn.metrics and got 95% accuracy peformance for prediction the target marketing

Product Recomendation System

Recomendation using correlation from cashier data transaction
https://github.com/Iky61/product-recomendation-flask
August 2022

Jakarta Covid-19

Predicting the number of asymptomatic COVID-19 cases by date to anticipate the wider spread of COVID-19
https://github.com/Iky61/DSA-jakarta-covid-19
June 2022

Technology Stack:
- matplotlib and seaborn for visualize and easily identify the higest Covid-19 case
- sklearn for preprocessing and craete Machine Learning for predict the asymptomatic Covid-19 cases by date
- sklearn for evaluated accuracy score of Machine Learning peformance