R. Bimo Mandala Putra

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SUMMARY

Entry-level data scientist capable using predictive modeling, data processing, data visualization, and data mining algorithms to solve challenging business problems. Have knowledge and experience in deep learning such as NLP, image classification, and time-series forecasting. Able collect internal or external data using scraping technique, SQL and ETL process. Able work in team, responsible and fast learner person who passionate about solving problems.

EDUCATION

DIBIMBING.ID   *DKI Jakarta, Indonesia*
Bootcamp Data Science Class   *Feb 2022 - July 2022*
- Final Class Report: 86.24/100.00

UNIVERSITAS PEMBANGUNAN NASIONAL 'V' YOGYAKARTA   *Yogyakarta, Indonesia*
Chemical engineering   *September 2015 - February 2021*
- Cumulative GPA: 3.29/4.0

EXPERIENCE

PT HONDA PROSPECT MOTOR.   *West Java, Indonesia*
Staff Production and Quality at POPA div   *August 2021 – January 2022*
- Managed and Supervised production team of total ±120 manpower with 5 Leader and, 1 Foremen.
- Controlled production in order to meet daily targets and quality in accordance with company standards.
- Made monthly report Production and Quality of POPA.
- Made production planning at POPA, consist: raw material import & local part, quantity and model to process, delivery planning and, planning simulation, which produce 410 parts each shift.

PT PUPUK KUJANG CIKAMPEK   *West Java, Indonesia*
Process Engineer, Student Intern   *September 2019 – October 2019*
- Learned to ensure plant runs well with most efficient and keep the NPK fertilizer quality always in good shape particularly in forming granular at NPK-01.
- Make report which include indicating problem and reasons, then way to find the solutions.

LOSTA INSTITUTE   *Solo, Indonesia*
Surveyor   *February 2029*
- Conducted interviews with respondents in Solo, at locations that had been determined. Used the survey method provided by the Losta Institute.

SKILLS

PROGRAMMING LANGUAGES: Python, SQL
Languages: English, Indonesia
Tools / Platforms: Git / Github, VScode, Google Colab, Talend, Tableau, Google Data Studio
Libraries / Frameworks: Pandas, NumPy, ScikitLearn, Plotly, Matplotlib, Tensorflow, Hyperopt
Databases: MySQL, Dbeaver

PROJECTS

Bank Customers Credit Card Approval | Link   *Pandas, ScikitLearn, Seaborn, NumPy*
- The data set obtained from Kaggle used for a classification project to predict credit users who may become defaulters.
- The dataset has an extreme imbalance dataset
- The model got an accuracy score 99% and a recall score 36%.

Scraping Mamikos.com | Link   *Pandas, Beautifulsoup, Selenium*
- Scraping project to get data from mamikos.com, an HTML website with some Java script code.
- Data gained from the project consists of price, location, specification, rules, etc.

Animals Classification | Link   *TensorFlow, Keras, Pandas, NumPy, Matplotlib*
- Deep Learning Image classification project to identify image contain various animals.
- The models using CNN with Transfer Learning technique using VGG-16 as base model.
- The model has 98% accuracy on test data.

Kimia Farma ETL & SQL | Link   *Talend, MYSQL, Tableau*
- Designed snowflake schema into local MYSQL database using TALEND as ETL process tools.
- Designed star schema into local MYSQL database using SQL.
- Dashboard visualization with Tableau data visualization tools.

Unilever Stock Forecasting | Link   *Pandas, NumPy, yfinance, Plotly*
- The data set are realtime Unilever stock price downloaded using yfinance package.
- The prediction is based on data 60 days before the prediction date.
- The model used LSTM layer.
- The model has MAE score of 0.457, indicating that it deviates by only 0.79%.

Classification Spotify Review | Link   *TensorFlow, nltk, pandas, numpy, plotly*
- The data set obtained from Kaggle used for classification deeplearning NLP project.
- The model used LSTM and Embedding layer.
- The model has accuracy with 0.86% score both from test and validations set.