

# MUHAMMAD ALIF SHELVIANO

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## SUMMARY

Certified professional data scientist, data analyst from Data Camp and the University of Michigan, Bangkit Academy Alumni. Experienced in modeling (Clustering, Regression, A/B Testing, etc.) & data visualization tools.

## EDUCATION

**Gunadarma University | Informatics | GPA: 3.47/4.00**

**Sep 2018 - Sep 2022**

Relevant Courses : Oracle, SQL Server, Programming Java, PHP, Java Script

Research Paper:

- Analyzed youtube comments related offline learning during pandemic to identify sentiment using multinomial naïve bayes.
- Created Object Detection android apps for sign language 24 alphabet using tensorflow API.

## EXPERIENCE

**Juara GCP Season 11 | Google Cloud Skillboost | Remote |**

**Feb 2025 – Mar 2025**

- Created an application for customer service to respond to audio based customer reviews with gemini.
- Generated a marketing campaign based on the 5-cluster K-means analysis result using Gemini AI Pro.
- Utilized Gemini AI Pro with SQL BigQuery to answer AVG sales price and count order from 2022 until 2023.
- Defined a pipeline runner that uses Vertex AI Pipelines together with the Kubeflow V2 dag runner.
- Build and deployed AI-Based Chef app, that generates recipes based customer cuisine with Gemini & Streamlit.
- Utilized Natural Language API from Google Docs to recognize the sentiment of selected text in a Google Doc.

**Data Analyst Student | GoTo Impact Foundation | Remote |**

**Feb 2022 – July 2022**

- Analyzed relationship stunting rate from 33 city in Indonesia with village development index in 2018 using Looker.
- Conducted A/B testing between two version game level, revealing 95% probability of difference.
- Demonstrated a clear and detailed data dashboard to journalist Kompas and lectures IPB in 10 minutes.

**Machine Learning Student | Google Bangkit Academy | Remote |**

**Feb 2021 – July 2021**

- Collaborated with team to implement CI/CD practices for app project using **GitHub** actions in Android Studio.
- Enhanced SSD object detection model to recognize 24 alphabetic signs of SIBI (Indonesian Sign Language).
- Provided clear project documentation using google drive, google word and spread sheets.

## CERTIFICATION

**Applied Data Science with Python | University of Michigan | [View Credentials](#)**

**Juni 2024 – July 2024**

- Applied Random Forest Classifier to predict engagement videos, achieving an AUC score of 89%.
- Performed data manipulation tasks, merging, grouping, and pivot tables using **Python** in Jupyter.
- Conducted EDA to determine the correlation between the win/loss ratio for the NHL in 2018.

**Data Analyst Professional | Data Camp | [View Credentials](#)**

**July 2024**

- Performed data validation on 15k sales data by removing two outliers and ensuring values are correct.
- Created a data visualization in Python to answer which 3 sales strategies result in more revenue and sales.
- Recommended selling new product line using mix email and calls to achieve effectiveness than two other sales strategies

**Data Scientist Professional | Data Camp | [View Credentials](#)**

**January 2024**

- Preprocessed 947 recipes by cleaning missing values, converting data types and normalizing numeric features.
- Predicted which recipes will popular with an 80% accuracy using logistic regression.
- Defined business metrics to minimize the chance of showing unpopular recipes.

**Case Study Data Dashboard | Data Camp | [View Credentials](#)**

**January 2024**

- Created interactive **Tableau** dashboard to visualize job analytics from 27,335 applicants and 1,298 job postings.
- Visualized avg years of experience on every job position as KPI using Box plot and bar chart.

## SKILLS

- Communication | Analytical Thinking | Problem-Solving | Big Query | PostgreSQL | Oracle | GCP | SQL | MySQL | MS Excel | Programming | Machine Learning | Statistics | Python | Data Pipeline |