Curriculum Vitae

About Me

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Education

Universitas Sumatera Utara, Medan (GPA 3.47)   **2014 - 2021**

Final Research : *Comparison Performance K-Nearest Neighbors And Naive Bayes In Prediction Student Performance*

Major : Computer Science, Faculty of Computer Science and Information Technology

Certification : Adobe Certified Associate, Microsoft Technology Associate

Coursework : Mobile Development, Flutter, Data Science dan Machine Learning

Skills : Python, Dart, PHP, Android, Oracle, Flutter, Java Spring

Employment

Tech Mentor   **May 2023 - now**

Futurelab.my

Job Description:
1. Reviewing mentees curriculum vitae for guiding mentees for career path.
2. Teach relevant skills to mentees for persuading their career.

Volunteer Experience

Tech Advisor

Bangkit Academy led by Google, Tokopedia, Gojek & Traveloka

May 2023 - now

Activities:
1. Make daily meetings for evaluating the capstone projects.
2. Give suggestions, solutions, hints and recommendations for optimizing the projects.
3. Mentoring 5 teams of university students to complete capstone projects.

Android Mentor on Generasi GIGIH 3.0

May 2023 - now

Activities:
1. Make daily meetings for evaluating the capstone projects.
2. Mentoring university students to complete capstone projects.
3. Give suggestions, solutions, hints and recommendations for optimizing the projects.

Relevant Projects

Thesis
Comparison Performance K-Nearest Neighbors And Naive Bayes In Prediction Student Performance
Conclusion :
1. For k-Nearest Neighbors when the value of k is 8 and got 55,45% using metrics accuracy for validate accuracy. By using 10 fold cross validation, got 56% while the value of k is 36, 37, 38 and 40.
2. For Gaussian Bayes, Multinomial Bayes, and Bernoulli Bayes, for each accuracy is 48,51%, 39,6% and 40,26% using metrics accuracy for validate accuracy.
3. Correlation Variable : by using spearman correlation, the highest correlation is between Indeks Prestasi Semester and Jenis Kelamin's variable and the value is 0.23. By using pearson correlation, the highest correlation variable is between Indeks Prestasi Semester and Program Studi where the value is 0.25.

Portofolio

Little Foodie App
https://play.google.com/store/apps/details?id=com.aquro.littlefoodie&hl=in&gl=US

Predicting Student's Performance
https://colab.research.google.com/drive/1BvGP3-1JlU-cf1FhmeLXKbPE8jFsEx9S?usp=sharing

Indonesia AI - Forest Fire Prediction
https://colab.research.google.com/drive/1m1pAX44Xy3wWEZKlUxcdJQ1XXSRBzrQT?usp=sharing

Teaching Video
https://www.youtube.com/watch?v=CDhEqe8qS0A