KALAIARASAN G

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ABOUT ME

Aspiring Machine Learning Engineer currently pursuing a Bachelor's degree in Engineering with a strong foundation in AI, machine learning, and data analysis. Skilled in Python and data visualization tools such as Power BI and Tableau. Proven ability to develop data-driven solutions and interactive dashboards to support decision-making. Adept at collaborating in team environments and managing projects with attention to quality and testing.

EDUCATION

SMGHSS Odathurai
SSLC - 80%   2015-2019

GHSS Polavakkali palayam
HSLC - 85%   2019-2021

Bannari Amman Institute Of Technology
CGPA - 7.66   2022-2026

SKILLS

- Programming Languages : Python
- Database Management : MySQL
- Machine Learning Libraries : Numpy,Pandas,Matplotlib
- Data Visualizations Tools : Power Bi,Tableau
- Research & Soft Skills : Time Management, Adaptability, Communication,Collaboration

PROJECTS

Diabetes prediction
- Developed predictive models using logistic regression to analyze medical data such as glucose levels and BMI.
- Identified individuals at risk of diabetes, enhancing early diagnosis potential

Placemant Analysis DashBoard (Power BI)
- Created three interactive dashboards (one overall and two gender-specific) for placement data analysis.
- Cleaned and transformed data using Power Query; built KPIs and visualizations.
- Implemented slicers to highlight gender-based trends, facilitating informed decision-making.

Aqua Vision : Multi-Blend Underwater Image Enhancement System
- Designed a multi-fusion system combining dehazing, contrast adjustment, and color correction techniques.
- Enhanced underwater image clarity and color accuracy.
- Evaluated system performance across multiple underwater datasets, outperforming existing methods in visual quality

CERTIFICATES :

- Python For Machine Learning & Data Science Masterclass (Udemy)
- Create Your Python From UST Infosys Springboard - Basics Of Python (U . S T - Coursera)
- Data Analyst 101: Excel Formulas & Functions Great Learning - Power BI Projects (Simpli Learn)
- Data Visualization With Power BI (Great Learning)