Abirami M

+91 9360766016 abiramimadhavan14@gmail.com Linkedin Github

SUMMARY

Analytical and detail-oriented Data Science postgraduate student with expertise in data analysis, visualization, and machine learning. Proven ability to deliver actionable insights and support data-driven decision-making. Seeking opportunities to leverage skills for organizational growth.

EDUCATION

The American College, Madurai   **2024 - Present**
M.Sc Data Science , Data Science   9.8 CGPA

The American College, Madurai   **2021 - 2024**
B.Sc Data Science , Data Science   8.9 CGPA

Velammal Memorial Matriculation Higher Secondary School, Madurai   **2021**
Higher Secondary Education (12th Grade)   85%

EXPERIENCE

Kyanite Technology   **May 2025 - June 2025**
Data Science Intern

- Developed an Investor Recommendation System improving investor-startup matching by 25%.
- Conducted data preprocessing, feature engineering, and created interactive dashboards in Power BI for actionable insights.
- Collaborated with cross-functional teams to deliver data-driven solutions enhancing business outcomes.

PROJECTS

Sentiment Analysis by NLP Using R   Link

- Implemented Natural Language Processing techniques using R for sentiment analysis and text classification.
- Developed models to improve sentiment prediction accuracy and enhance data-driven decision-making.

Netflix Subscription Prediction   Link

- Developed a predictive model to forecast Netflix user subscriptions using Python and Machine Learning.
- Applied data preprocessing, feature engineering, and model evaluation techniques.
- Enhanced subscription prediction accuracy, supporting business strategy optimization.

Startup Budget Estimator   Link

- Developed a Startup Funding Predictor using Random Forest Regression to estimate funding amounts with 87% prediction accuracy.
- Created actionable insights for startup funding strategies through predictive analytics.

CERTIFICATIONS

Python Programming Certification

Google Data Analytics Professional Certificate

SKILLS

- **Programming Languages:** Python (Advanced), R
- **Data Structures & Algorithms:** Intermediate
- **Tools & Platforms:** Power BI, Streamlit Framework, Tableau
- **Machine Learning & Data Science:** NLP, Predictive Analytics, Data Visualization, TensorFlow, Deep Learning,
- Cloud (AWS/GCP/Azure), Big Data Analytics