RIAKANTHA SHIVA KRISHNA

+1(603) 438-8428 ◇ Manchester, NH
shivakrishna.a2609@gmail.com ◇ LinkedIn ◇ Portfolio ◇ Github

OBJECTIVE

Obtain a Junior Data Scientist position where I can apply my strong analytical skills, programming expertise, and machine learning knowledge to develop data-driven solutions and support business decision-making.

EDUCATION

Master's Degree, New England College 2023 - 2025
Data Science, (Grade: 4.0)
Bachelor of Technology, K.G. Reddy College affiliated to JNTUH 2018 - 2022
Electronics and Communication Engineering.
Intermediate, Narayana Junior College affiliated to TSBIE 2016 - 2018
MPC.
10th Grade, Kendriya Vidyalaya No.1 Golconda affiliated to CBSE 2015 - 2016

SKILLS

Programming Languages	Python, R, C/C++, HTML
Database	MySQL, sqlite3
Data Visualization Tools	Matplotlib, Seaborn, Tableau, Power BI
Machine learning libraries	scikit-learn, Keras, TensorFlow
Other Skills	Data Preprocessing, Feature Engineering, Web Scraping (Beautiful Soup and Selenium), Data Structures

CERTIFICATIONS

Coding Ninjas Introduction to Python - Training Certificate (Certification Link) Aug 2020 - Oct 2020

PROJECTS

Sales Analytics Project (Role Simulation: Junior Data Analyst at Atliq Hardwares)

SQL, Power BI

- Solved 10 real-world business requests from top management using advanced SQL and Power BI, simulating the responsibilities of a junior analyst.
- Delivered key insights like a 16.67% growth in unique products (2021 vs 2020), top-performing segments, and Retailer's 72% share in gross sales.
- Created interactive dashboards a stakeholder-ready presentation to visualize KPIs such as monthly sales trends, top discounts, and product rankings. (GitHub Repository Link)

Marketing Campaign Optimization

Python, Machine learning

- Conducted exploratory data analysis on a dataset with 2240 data points and 29 features to enhance marketing strategies.using visualization tools like Matplotlib, Seaborn, and Tableau.
- Implemented K-Means clustering and determined the optimal K value using silhouette score and elbow method.
- Developed a predictive model using a soft voting classification algorithm to forecast customer responses. (GitHub Repository Link)

Intel Image Classification

- Designed a convolutional neural network (CNN) for image classification using data augmentation techniques.
- Trained on a dataset of 14,034 images categorized into six labels (buildings, forest, glacier, mountain, sea, street).(GitHub Repository Link)