

Marshal Suresh

Data Scientist

✉ marshal6139@gmail.com ☎ 9961921450 📍 Kannur 🌐 LinkedIn 🏠 GitHub

EXPERIENCE

Luminar Technolab, Data Scientist Intern

Apr 2023 – Sep 2023 | Ernakulam, India

- Collected, cleaned, and analyzed data to uncover insights and trends.
- Built and evaluated machine learning models for predictive analysis.
- Worked on real-world projects and created visual reports using Power BI to present findings to stakeholders.

SKILLS

Programming Languages: Python, SQL
Data Manipulation and Analysis: NumPy, Pandas, MS Excel
Machine Learning: Scikit-learn, TensorFlow, Keras, PyTorch, Model Selection, Supervised/Unsupervised Learning
Natural Language Processing (NLP): NLTK, SpaCy
Computer Vision: OpenCV, TensorFlow, Keras
Data Visualization: Matplotlib, ggplot2, Seaborn, Power BI, Tableau Database Management: MySQL, NoSQL (MongoDB)
Hypothesis Testing, Clustering, Classification, Regression Analysis, A/B Testing, Statistics, Data Storytelling, Teamwork

PROJECTS

OCR System

- Developed an OCR system using Tesseract OCR and OpenCV, achieving 90% text extraction accuracy
- Preprocessed images using thresholding and denoising techniques
- Integrated the system into a Flask web application, reducing manual data entry time by 50%

Career Book for Student

- Constructed a career prediction app using Flask, and MySQL, increasing prediction accuracy
- Applied advanced machine learning techniques to provide tailored career guidance.

Global Sales Performance Dashboard:

- Launched an interactive reporting tool using Power BI, enabling real-time access and drill-down capabilities on critical performance indicators; findings identified three major areas needing improvement within current processes.
- Increased visibility into order trends, revenue, and cost analysis by 40%
- Enhanced strategic decision-making through detailed data visualizations and actionable insights

Product Performance Dashboard

- Developed an interactive PowerBI dashboard to monitor product performance across regions
- Consolidated data from multiple sources for a comprehensive view of sales, inventory, and profit margins
- Created interactive visualizations to identify top-performing products, regional sales trends, and inventory issues

Face Recognition System

- Developed a face recognition system using TensorFlow, Keras, and Haar cascades, achieving 95% accuracy
- Integrated the system into a Flask web application
- Conducted extensive testing and validation to ensure robustness and adaptability across diverse environments

EDUCATION

Luminar Technolab, NACTET - Big Data Analytics & Data Science

Sep 2022 – Mar 2023 | Ernakulam, India

- Developed machine learning models to enhance predictive accuracy and business insights
- Created interactive data visualization dashboards in Power BI to improve decision-making and user engagement

Kannur University, Bachelor's Degree

Jul 2019 – May 2022 | Kannur, India

- Completed a Bachelor of Commerce at Kannur University
- Gained a solid foundation in business principles, finance, and accounting
- Developed skills in analytical thinking and problem-solving through coursework and projects

CERTIFICATES

- NACTET - Bigdata Analytics & Data Science
- Python And Flask - UDEMY
- Python OOPS - UDEMY