Muniasamy K

Data Science & Analytics
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OBJECTIVE

Aspiring Data Analyst with hands-on experience in Python, SQL, and Power BI. Skilled in data visualization and predictive modeling. Eager to contribute to data-driven decision-making and support organizational growth through continuous learning, adaptability, and a results-oriented mindset in a fast-paced analytical environment.

PROJECTS

- **IPL Data Analysis** - Analyzed IPL match and player statistics using Power BI, SQL, and Excel to uncover team and player performance insights, build interactive dashboards, and predict match outcomes based on historical trends.
- **Smart Crop Prediction and E-Trading** – Developed a machine learning model using Python and SQL to recommend suitable crops based on soil and climate data, and implemented a basic trading interface to support farmers in making data-driven agricultural decisions.
- **House Price Prediction** - Built a regression model using Python, SQL, scikit-learn, Pandas, and Matplotlib to predict house prices based on features like square footage, bedrooms, and bathrooms, with data cleaning and visualization for model evaluation.

TECHNICAL SKILLS

- **Languages**: Python, SQL
- **Data Visualization Tools**: Power BI, Tableau, Excel
- **Databases**: MySQL
- **Libraries**: Pandas, NumPy, Matplotlib, scikit-learn, Flask
- **Tools & Platforms**: Git, GitHub, Jupyter Notebook, VS Code

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INTERNSHIPS

Data Science & Analytics Intern - Hyper Launch
- Skills Gained: Data Cleaning & Preprocessing, Statistical Analysis & Data Interpretation, Dashboard & Report Generation, SQL & Database Management, Python for Data Science, Machine Learning
- Projects : IPL Data Analysis - Power BI, SQL and House Price Prediction - Python, Machine Learning.

Full Stack Python Developer Intern - Shiash info tech
- Skills Gained: Python, My SQL, Pandas, Numpy, Django.
- Project : ATM Management System - Python, My SQL,Pandas,Numpy.

CERTIFICATIONS

Data Science & Analytics – Hyper Launch
Python – Besant Technologies
Power BI – Guvi

EDUCATION

B.Tech in Information Technology | St. Joseph College of Engineering | 81% | 2020 – 2024
HSC | SHN Edward Higher Secondary School | 65% | 2020
SSLC | SHN Edward Higher Secondary School | 87% | 2018