

MOHAMED SHIGHASH A S

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OBJECTIVE

Motivated and detail-oriented data science postgraduate with strong skills in Python. Seeking a data analyst/scientist role to leverage my expertise in statistical modeling, data mining, and visualization tools like Tableau to extract actionable insights and support data-driven decision-making.

EXPERIENCE

Data Analytics Intern

May 2024

Nandha Infotech

Onsite

- Built a machine learning model to predict gold and silver prices using real-world datasets and time series forecasting.
- Cleaned and analyzed data using Python libraries such as Pandas, Matplotlib, and Scikit-learn.
- Learned and explored YOLO (You Only Look Once) object detection model and used Roboflow for image annotation and training.
- Gained practical experience in data preprocessing, model training, and performance evaluation in a real project environment.

PROJECTS

Gold & Silver Price Prediction

May 2025

- Built a gold and silver prediction model using time series and machine learning techniques.
- Cleaned and analyzed market data to improve model accuracy and performance.
- Applied ARIMA, XGBoost and LSTM to forecast commodity trends.

Smart Gloves using IOT

Dec 2023 - Mar 2024

- Developed IOT based smart gloves to convert hand gestures into text for speech-impaired users.
- Used accelerometer sensors and NodeMCU to display gestures on an LCD in real time.

EDUCATION

St. Joseph's College (Autonomous)

2024 – 2026

M.Sc. Data Science (7/10)

Tiruchirapalli

Hindusthan College of arts & science

2021-2024

B.Sc. Computer Technology – Data Science (7.5/10)

Coimbatore

CERTIFICATIONS

- Presented a paper about Data clustering using Data Mining Techniques in International conference.
- Python 101 for Data Science in IBM Cognitive class
- Elite Badge for Cloud Computing in Nptel.
- Python for Data science in IBM
- Soft Skill training in Infosys

SKILLS

Python, HTML, CSS, R, Pandas, Numpy, Matplotlib, Seaborn, Power BI, Data Analysis, Excel, YOLO, Roboflow, n8n.