

N.MOHAMMED SHA HUSSAIN KHAN

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PROFESSIONAL SUMMARY

Aspiring **Data Science** professional with a strong foundation in **Machine Learning**, **Data Visualization**, and **Predictive Analytics**. Proficient in **Python**, **Power BI**, and **Google Colab**, with hands-on experience in developing **interactive dashboards** and **recommendation systems**. Passionate about leveraging **data-driven insights** to solve real-world problems and skilled in transforming data into actionable insights to support business **decision-making** and drive measurable outcomes. continuously enhancing analytical skills to gain practical industry experience.

EDUCATION

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION,
KRISHNANKOIL— *M.Sc.DATA SCIENCE*

2023 – 2025

MANNAR THIRUMALAI NAICKER COLLEGE, MADURAI — B.C.A
BACHELOR OF COMPUTER APPLICATION

2020 -2023

PROJECTS

Harnessing Local Small Vendors with a Data-Driven Recommendation System -FOODANS-Developed a web application with a machine learning-based recommendation system using KNN, Streamlit, and Power BI to enhance small food vendor visibility and enable real-time data-driven insights.

REAL-TIME WEATHER FORECASTING IN IOT-Built a weather forecasting system using LSTM and Random Forest models, processing data from sensors like BMP180, DHT11, and raindrop sensor in Google Colab for accurate predictions.

TEXT TO SPEECH CONVERTER IN NLP-Created a Text-to-Speech converter in Python using gTTS, supporting English and Tamil languages, with adjustable speech speed, aimed at helping visually impaired users and language learners.

SKILLS

Python (Pandas,NumPy,Scikit-learn), R

SQL

Microsoft Excel

Power BI ,Tableau

Machine Learning

Deep Learning

Data Cleaning & Preprocessing

Exploratory Data Analysis (EDA)

Google colab

Digital Marketing -SEO,Social Media
Marketing

SOFT SKILLS

Analytical Thinking

Problem-Solving

Communication

Teamwork

Adaptability

CERTIFICATION

Master Data Analysis Course (Udemy) –
Gained expertise in Python, Statistics, EDA, Feature Engineering, Power BI,Tableau and SQL Server.

CUSTOMER LIFETIME VALUE (CLV) -Developed a CLV prediction model using machine learning techniques, analyzing real world data to optimize marketing strategies, improve customer retention, and enhance profitability.

LANGUAGES

Tamil, English, Hindi, Urdu