

# VENUGOPAL MAHENDRAN

ASPIRING DATA SCIENTIST | SKILLED IN PYTHON, SQL DATA BASE,  
DATA VISUALIZATION, MACHINE LEARNING MODEL, NLP,LLM,LANGCHAIN,  
DEEP LEARNING MODEL AND WEB DEVELOPMENT FRONT-BACK END

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Project GitHub link-<https://github.com/venugopalmahendran/Projects.git>

## Career Objective

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Detail-oriented and highly motivated Data Scientist with hands-on experience in Python, SQL, Pandas, TensorFlow and Scikit-learn. Skilled in data cleaning, exploratory data analysis, and developing supervised learning models. Passionate about transforming raw data into actionable insights and eager to contribute to a data-driven team focused on innovation and measurable results.

## Education

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**KG COLLEGE OF ART'S AND SCIENCE, Coimbatore,**

**B.COM ACCOUNTING AND FINANCE**

**2023-PRESENT**

Major: Accounting | Minor: Computer Science

PERCENTAGE 61.14%

**GVT SCHOOL, Coimbatore-HSC**

PERCENTAGE 67.83%

**2023**

## Experience

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**CREDO BRAND MARKETING LIMITED, PROZONE MALL | Sales executive [1.5yrs]**

**2024– 2025**

- Analyzed daily sales data and managed inventory tracking using Excel.
- Sent daily opening and closing sales reports via email to the Area Manager.
- Conducted telecalling to promote products and collect customer feedback.

**RELIANCE RETAIL , PROZONE MALL | Sales executive [6months]**

**2023**

- Worked 3 months full-time and 3 months part-time, assisting customers and managing billing.
- Supported daily sales reporting and helped achieve monthly sales targets.

## CERTIFICATE

- FINTECH
- ADVANCE EXCEL
- EXPLORATORY DATA ANALYSIS FOR MACHINE LEARNING (IBM CERTIFICATE)

## Technical & Analytical Skills

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- Python (Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, TensorFlow, Keras)
- Java script
- HTML
- CSS
- SQL-database (DDL, DML, DQL)
- Machine Learning (Supervised, Unsupervised Learning, Reinforcement Learning)
- Deep Learning (ANN , CNN, RNN)
- NLP (Natural Language Process)
- Large Language Models (LLMs)
- RAG (Retrieval-Augmented Generation)
- Lang Chain
- Git and GitHub
- MS Excel
- Accounting

## Soft Skills

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- Critical Thinking
- Problem Solving
- Data-Driven Decision Making
- Management
- Customer Relationship Management (CRM)

## Projects

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- **Foodie Chatbot using Machine Learning( Logistic Regression )**

Flask | Scikit-learn | Regex | REST API | HTML/JS

Developed a real-time food ordering chatbot using Flask REST API with ML-based intent detection and Regex NLP for item/quantity extraction, integrated with a simple HTML/JS chat UI.

- **1000 Image Classification using Deep Learning( CNN )**

Developed a Flask-based Image Prediction Web App using TensorFlow (MobileNetV2), implementing a custom ML pipeline with Image Preprocess and integrated HTML/JS frontend for real-time image inference