Harish M

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EDUCATION

Vellore Institute of Technology Bhopal University	Jun '21 — Present

- Integrated M Tech(Artificial Intelligence and Machine Learning) | (GPA: CGPA: 7.33)

SKL Matriculation Higher Secondary School Tamil Nadu	May '21

- 12th Standard | (GPA: CGPA: 85.1%)

Vigneswara Vidyalaya Matriculation Higher Secondary School Tamil Nadu	Mar '19

- 10th Standard | (GPA: CGPA: 73.2%)

SKILLS

Languages : Python, Java, C++, R, HTML, CSS, JavaScript, SQL
Tools and Frameworks : Power BI, Flask, Docker, Firebase, Hugging face, Git, OpenCV, Git Hub Actions

CERTIFICATIONS

Coursera, HTML CSS JAVASCRIPT

GREAT LEARNING, Python for Machine Learning

GREAT LEARNING, Data Visualization with Power BI

EXPERIENCE

Data Science Intern — Nov '24
Prodigy Infotech — Remote

- Developed AI-driven analytical models for **stock price prediction (85% accuracy),** customer segmentation **(15% marketing boost)**, and sentiment analysis **(F1-score: 0.88)** using **machine learning and NLP techniques.**
- Performed data-driven insights and **visualization on 1,000+ population records,** Titanic dataset, and **50,000+ product reviews, leveraging EDA, clustering, and regression models** with **Python, pandas, scikit-learn, and matplotlib.**

Data Science Intern — Aug '24
Shadowfox — Remote

- Conducted **Cricket Fielding Analysis** using data-driven insights to evaluate player performance, improving decision-making accuracy by **20%.**
- Developed an **end-to-end ML pipeline**, automating data preprocessing, model training, and evaluation, reducing processing time by **40%.**
- Performed **Sentiment Analysis on X (formerly Twitter)** to assess public opinion, leveraging NLP techniques to achieve **92% sentiment classification accuracy.**

PROJECTS

SALES DATA ANALYSIS USING MACHINE LEARNING Link — Mar '25

- Analyzed sales data using **Machine learning techniques** to identify trends and **improve forecasting accuracy**.
- Performed data cleaning, handled missing values and conducted **exploratory data analysis (EDA) using Pandas, Seaborn, and MissingNo.**
- Applied predictive modeling to optimize sales insights and visualized key findings for better business decisions.

SUPPLY CHAIN AND RISK MANAGEMENT SYSTEM Link — Feb '25

- Supply chain data was examined to identify risks, **optimize logistics, and enhance operational efficiency.**
- The dataset was cleaned to **handle missing values**, and **exploratory data analysis (EDA)** was conducted to uncover patterns in **supply chain performance.**
- Key risk factors were assessed, and **statistical analysis** was used to improve **supply chain resilience**. Visualizations were created to highlight critical insights.

AI THERAPIST USING NLP Link — May '25 Present

- Skills: **NLP, Sentiment Analysis, Python, Gradio, Hugging Face, Transformers, Model Deployment**
- Developed and deployed an **NLP app using Python and Gradio with Hugging Face** for **real-time sentiment analysis and text classification.**
- Leveraged **Transformers and Scikit-learn** for model inference and **data preprocessing**.
- Managed **end-to-end deployment,** enhancing user experience through iterative improvements.

LANGUAGES

English, Tamil, Telugu, Kannada