

GANESH B R

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LinkedIn — GitHub

Professional Summary

Data Analyst and aspiring Data Scientist skilled in Python, SQL, Power BI, ML, and NLP. Experienced in predictive modeling, data preprocessing, dashboarding, and AI-driven projects, with a focus on delivering actionable insights in healthcare and business domains.

Core Skills

Programming: Python, SQL, R, Java, C

ML/AI: Regression, Classification, Clustering, Predictive Modeling, Model Evaluation

Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn

Databases/BI: MySQL, PostgreSQL, Power BI, Tableau, Excel

Tools/Cloud: Git, GitHub, Jupyter, VS Code, Docker, GCP, AWS (Basics)

Experience & Projects

AI/DS Intern, Scontinent Technologies (Nov 2024 – Jan 2025)

- Developed a Python-based NLP pipeline using TF-IDF and SVM/Logistic Regression to automatically classify news articles into categories, improving accuracy and efficiency.
- Performed extensive data preprocessing including text cleaning, tokenization, and feature extraction to handle noisy real-world data.
- Built interactive Power BI dashboards to visualize classification results and trends in real-time, reducing manual reporting by 20%.
- Automated parts of the workflow, enabling scalability and faster deployment of ML models in production.

Heart Failure Prediction (Nov 2024 – Jan 2025)

- Implemented predictive models using Logistic Regression, Random Forest, and XGBoost to assess patient risk of heart failure based on clinical parameters.
- Conducted feature engineering and probability calibration to enhance model interpretability and reliability for healthcare professionals.
- Applied SHAP explainability to provide actionable insights, helping clinicians understand key risk factors affecting patient outcomes.
- Developed dashboards to track patient risk trends and generate alerts for high-risk cases, supporting early intervention decisions.

VaidyaNet AI – Medical Chatbot (May 2025 – Present)

- Designed a web-based AI assistant using ReactJS, FastAPI, and Groq LLM for real-time symptom checking and patient guidance.
- Integrated structured medical knowledge base for accurate, context-aware responses and ensured safe handling of user inputs.
- Implemented dynamic user profiles, state management, and real-time streaming of AI responses to enhance user experience.
- Planned multilingual support and wearable integration for future scalability in healthcare applications.

Sales & Revenue Performance Dashboard

- Built interactive dashboards using Excel, SQL, and Power BI to track sales trends, regional performance, and top-selling products.
- Incorporated key KPIs such as YoY growth, revenue share, and profitability metrics to support strategic business decisions.
- Enabled real-time monitoring of sales performance, providing actionable insights to management and improving decision-making speed.

Education

- **MCA**, Visvesvaraya Technological University (2023–2025) – 85.66% (till 3rd sem)
- **Data Science Certification**, Besant Technologies, Bangalore – Completed
- **BCA**, Vidyavahini First Grade College (2019–2022) – 79.22% (CGPA 7.8/10)
- **2nd PUC** – 57%
- **SSLC (10th Grade)** – 69%