M GANESH

+91 7904834029 | Email | GitHub | LinkedIn | Portfolio

SUMMARY

Aspiring Data Analyst with hands-on experience in Python, SQL, and data analysis through academic and self-driven projects. Strong foundation in statistics and data visualization, with an interest in machine learning.

EDUCATION

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology **Avadi, Tamil Nadu, India**
B.Tech: Computer Science (Data Science) — CGPA: 8.5 *2022 – 2026*

Kamaraj English Medium School **Port Blair, A&N, India**
CBSE, Class XII — Percentage: 61.8 *2021 – 2022*

Kamaraj English Medium School **Port Blair, A&N, India**
CBSE, Class X — Percentage: 83 *2019 – 2020*

KEY SKILLS

Technical Skills: Python, SQL, R, Data Analysis, Data Cleaning, Exploratory Data Analysis, Data Visualization

Libraries: Pandas, NumPy, Matplotlib, Seaborn

Tools: Microsoft Excel, Power BI, Jupyter Notebook, Google Colab, Tableau, VS Code, GitHub, Canva

Statistical Skills: Descriptive Statistics, Hypothesis Testing

Soft Skills: Analytical Thinking, Problem Solving, Attention to Detail, Communication Skills, Adaptability

PROJECTS

SQL Data Warehouse & ETL Pipeline
Tech Stack: SQL Server, T-SQL

- Designed a multi-layer Data Warehouse (Bronze, Silver, Gold) integrating CRM and ERP data.
- Built automated ETL pipelines and Star Schema models optimized for BI reporting.

Sales Performance & Customer Insights Dashboard
Tech Stack: SQL, Python (pandas), Power BI, Excel

- Analyzed sales data to identify revenue trends, customer behavior, and product performance.
- Calculated key KPIs using SQL and built interactive Power BI dashboards for business insights.

HR Analytics Dashboard
Tech Stack: Tableau, Figma

- Built an interactive Tableau dashboard to track hiring, attrition, and workforce trends.
- Designed a custom UI in Figma with filters and tooltips for better insights.

Skin Disease Detection Using Machine Learning
Tech Stack: Python, CNN, TensorFlow/Keras, Flask

- Built a CNN-based model to classify skin diseases from image data with image preprocessing.
- Evaluated model performance and deployed the model using Flask for web-based predictions.

Sentiment Analysis Using Machine Learning
Tech Stack: Python, NLP, scikit-learn

- Built a sentiment analysis model using text preprocessing and machine learning techniques.
- Classified text data into positive, negative, and neutral sentiments for analysis.