GANESH MANIKANTA SWAMY VADLAMURI

Apt – 1034, 800 N LBJ Dr, San Marcos, Texas, 78666

MOBILE: +1 512-665-3074   EMAIL: ganeshvadlamuri15@gmail.com   LinkedIn   GitHub   Portfolio

SUMMARY

Dynamic graduate student proficient in statistical analysis, data visualization, and machine learning using Python, SQL, and PowerBI. Possesses an entrepreneurial mindset and excels in thinking innovatively. Effective communicator and team player, thriving in dynamic environments. Passionate about leveraging technical skills to drive impactful contributions.

EDUCATION

MS in Computer Science (3.45/4.00)	**Texas State University**	**San Marcos, Texas**	**Aug 2022 – May 2024**
BTech in Computer Science (8.26/10.00)	**Raghu Engineering College**	**Visakhapatnam, India**	**Jul 2018 – May 2022**

SKILLS

Data Analysis, Manipulation and Management: Python, Excel, SQL, PySpark, Pandas, NumPy, R, NoSQL, MongoDB
Data Visualization/ Machine Learning: PowerBI, Tableau, Natural Language Processing (NLP), ETL
Programming and Development: C++, HTML, CSS, JavaScript, Django
Cloud Platforms, Services and Version Control: Azure, Azure Data Factory, Data Bricks, Git, GitHub

PROJECTS

Car Sales Analytics [GitHub Link]   **Personal Project**   **Dec 2023 – Jan 2024**
- Transformed raw car sales data (20,000+ rows) into an interactive Power BI dashboard for data-driven decision making.
- Cleaned and structured data using SQL joins and Power Query, performed data modeling to define relationships between tables.
- Developed metrics like YTD/MTD sales, average prices, and year-on-year growth in an interactive dashboard using DAX commands.
- Designed interactive visualizations (Donut chart, Line chart, table) to provide deeper insights into sales patterns.
- Implemented dynamic filters, navigation, and comprehensive conditional formatting for targeted data exploration.

EXPERIENCE

Graduate Assistant (Data Analyst)   **Texas State University**   **San Marcos, Texas**   **Aug 2022 – Present**
- Validated daily sales transactions from Fusion software for Recreation Center, ensuring accuracy in cash and credit card transactions.
- Analyzed annual spending at the Rec Center, creating visualizations to uncover inefficiencies and gain insights.
- Consolidated cash weekly and forecasted monthly sales for Texas State University's Finance Department using historical data.
- Maintained CLC website development, analyzing user engagement via Google Analytics, and producing reports as needed.
- Collaborated across teams using SQL, Excel, and Fusion to integrate data insights, boosting financial efficiency, and cutting costs.

Business Data Analyst   **KSR Sea Food Ventures**   **Kakinada, India**   **Aug 2020 – July 2021**
- Tracked shrimp inventory, customer, and sales data using CRM, presented weekly reports to the Director, increased revenue by 15%.
- Studied supply chain and logistics data, conducting qualitative research through interviews with our top 20 customers.
- Streamlined supply chain processes through qualitative and quantitative research using Excel and Power BI.
- Analyzed financial data, identified irregularities, and developed budget plans, leading to a significant 17% increase in profit margins.

CERTIFICATIONS

- **AWS Academy graduate** – Cloud Architecting issued by Amazon web services.
- NPTEL Certification on "**Joy of Computing using Python**" from **Indian Institute of Technology**, Ropar with an **Elite** Tag.
- Certified in **"Internet of Things with Machine Learning"** by **IEEE**, Hyderabad section and CAS (Circuits and Systems Society)

ACHIEVEMENTS, CO-CURRICULAR AND ENTREPRENEURSHIP

- Active Success Coach for US1100 Class at Texas State University.
- Active Volunteer at Rotary Club International, facilitating and promoting discussions on plastic reduction in Vizag.
- Engaged in National Service Scheme activities, organizing Blood Donation Camps, Beach Cleanups, and contributing to Dakamarri Village's development, positively impacting the community.
- Founder at GNR Eye Care Solutions, Tuni, India, overseeing operations, strategy, finances, top-notch care, and team management.