SRIKAR REDDY BOMMIDI
Data Analyst

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PROFILE

Detail-oriented data analyst with hands-on experience in transforming raw data into meaningful insights to support business planning and performance improvement. Proficient in SQL, Excel, Tableau, and Python, with a solid background in exploratory data analysis, forecasting, and reporting. Comfortable working with large datasets and complex queries, with a focus on clarity, efficiency, and accuracy. Adept at presenting findings in a structured and actionable manner to both technical and non-technical audiences.

SKILLS

Languages & Libraries: Python (Pandas, NumPy, Matplotlib, Seaborn, Plotly Express, Scikit-learn, BeautifulSoup4, Selenium)
Databases & SQL: MySQL, PostgreSQL, SQL Server, Snowflake | Advanced SQL (Joins, CTEs, Window Functions)
Visualization & BI: Tableau, Power BI, Excel (Power Query, PivotTables, Power Pivot)
ML & Analytics: Regression, Decision Trees, Random Forest, XGBoost, CatBoost, EDA, Sentiment Analysis
Tools & Other: Git, Jupyter, Web Scraping, PostGIS, API Integration, Basic DSA
Soft Skills: Analytical Thinking, Problem Solving, Communication, Teamwork, Adaptability

EXPERIENCE

Project Intern
Osmania Technology Business Incubator (OTBI) | PostgreSQL, PostGIS, Python, API   *Jul 2025 – Present*
• Leading a PostGIS-based geospatial analytics project to automate Point of Interest (POI) extraction from OpenStreetMap data.
• Designed and executed advanced spatial SQL queries and Python pipelines to analyze POIs across bounding boxes and regional clusters.
• Automated bounding box queries and geospatial filtering via API integration, significantly improving pipeline efficiency and scalability.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering	**2021 - 2025**

Sri Indu College of Engineering and Technology (SICET)
CGPA: **8.1/10**

Central Board of Secondary Education – Class XI & XII	**2018 - 2019**

Global Indian International School (GIIS)
Score: **94.7 %**

PROJECTS

Apple Retail Sales Analysis | PostgreSQL, Excel | Link
- Interrogated 1M+ records using PostgreSQL and Excel to address 20+ business questions across sales and product lifecycles.
- Detected a 13% drop in 2024 revenue and pinpointed low-performing Apple products using regional and temporal data trends.
- Flagged 3,000+ warranty claims post-sale, leading to strategic recommendations for product enhancements.

Airbnb Booking Trends Dashboard | Tableau, Excel | Link
- Developed a Tableau dashboard analyzing 900+ bookings over 6 months, visualizing $85.8K in revenue, 15 cancellations, and trends across 20+ countries.
- Discovered that 92% of bookings were for prime locations and the average lead time was 48.2 days, supporting pricing and inventory strategies.

Heart Disease Prediction | Python | Link
- Conducted comprehensive EDA on patient data to isolate critical features like chest pain and ST depression.
- Engineered and fine-tuned ML models with an emphasis on precision and accuracy, reaching 89% accuracy and 92% precision.

Yelp Reviews Sentiment & Behavior Analysis | Snowflake, SQL, Python | Link
- Executed 20 advanced SQL queries on 7M reviews, identifying 52K restaurants (33% of 188K businesses) as the top category.
- Identified negative reviews 27.7% longer than positive, 69.2% longer than neutral, driving targeted service enhancements.
- Detected 138 businesses with significant rating declines via time-series SQL analysis, with 31 (22.5%) in restaurants, including 12 (8.7%) in New Orleans and 9 (6.5%) in Tampa.

CERTIFICATIONS

SQL (Advanced) Certificate - HackerRank | Link
   Demonstrated proficiency in advanced SQL concepts including query optimization, data modeling, indexing, window functions, and pivot operations.

Data Science Training Program – GeeksforGeeks | Link
   Completed a 10-week program covering key concepts in data science.

SQL for Data Analysis: Advanced SQL Querying Techniques – Udemy | Link
   Mastered complex SQL queries for data analysis and business intelligence.

Excel: Mother of Business Intelligence – Codebasics | Link
   Completed training in Excel functions, pivot tables, Power Pivot, data modeling, and data cleaning for advanced analysis.