Byna Venkatesh

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Career Summary

Electronics & Communication Engineering graduate with demonstrated expertise in SQL, Python, Excel, and Power BI, gained through impactful internships and hands-on projects. Proficient in data analysis, ETL processes, object-oriented programming, and version control. Seeking to leverage strong analytical and problem-solving skills in a challenging Data Analyst or Software Engineering role.

Education

- **Geethanjali Institute of Science and Technology, Nellore**　　　　　　**May 2023**
  B.Tech in Electronics and Communication Engineering — GPA: 7.98/10

- **Krishna Chaitanya Junior College, Nellore**　　　　　　**April 2019**
  Intermediate (MPC) — CGPA: 9.78/10

- **Sree Viswa Bharathi E.M High School, Nellore**　　　　　　**March 2017**
  SSC — CGPA: 9.33/10

Technical Skills

- **Programming Languages:** Python (Pandas, NumPy, Scikit-learn), SQL

- **Data Analysis & ETL:** Data Cleaning, Data Wrangling, ETL Processes, Statistical Analysis

- **Visualization Tools:** Power BI, Matplotlib, Seaborn

- **Databases:** MySQL, SQLite

- **Spreadsheet Software:** Advanced Excel (Pivot Tables, VLOOKUP)

- **Machine Learning:** Supervised Learning (Regression, Classification), Unsupervised Learning (Clustering)

- **Developer Tools:** Git, Jupyter Notebook, Google Colab, VS Code

- **Other:** MS Office Suite

Work Experience

Quanta People Solutions — Data Analyst Intern　　　　　　**March 2025 – Present**

- Delivered actionable analytics for over 10,000 frontline employees across 4 key BFSI clients, supporting data-driven decision-making.

- Designed, developed, and maintained 10+ dynamic Power BI dashboards to monitor Key Performance Indicators (KPIs) and business metrics.

- Automated 15+ critical Excel-based reporting processes, achieving a 35% reduction in manual effort and improving report accuracy.

- Contributed to the development of a Role Modeling Framework (RMF) by conducting structured interviews and analyzing qualitative data.

- Designed and integrated data-driven coaching frameworks into executive dashboards, enhancing performance management strategies.

Accenture — Data Analytics Virtual Internship   **July 2024 – August 2024**

- Authored and optimized complex SQL queries for data extraction and manipulation, improving data retrieval efficiency by 15%.

- Developed and implemented SQL stored procedures to automate data aggregation tasks, reducing data processing time by 20%.

- Created interactive Power BI dashboards from diverse datasets to visualize trends and provide insights for business reporting.

Projects

Web Server Log Analysis (Python, Pandas)   **June 2025**

- Processed and analysed over 1 year of Apache web server logs (700,000+ records) using Python, Pandas, and Regex to identify usage patterns and anomalies.

- Developed visualizations with Matplotlib and Seaborn to illustrate key metrics such as peak traffic times, popular pages, and error rates.

- GitHub: github.com/venkey024/Web-Server-Log-Analysis

Airbnb Market Analytics (Power BI, Python)   **August 2024**

- Performed ETL operations on a dataset of 20,000+ Airbnb listings to uncover insights into pricing strategies and occupancy trends.

- Utilized Pandas for data cleaning and transformation, Scikit-learn for preliminary predictive modelling, and Power BI for dynamic visualization of findings.

- Identified key factors influencing listing prices and developed recommendations for hosts to optimize revenue.

Certifications

- Data Analyst Certification, Zenvius InfoTech   **June 2024 – October 2024**
- Python Developer Certification, Code Tantra   **March 2023 – May 2023**

Core Competencies

- Data Analysis & Interpretation

- Problem-Solving & Analytical Thinking

- Technical Proficiency & Fast Learner

- Communication (Strong English, Written & Verbal)

- Attention to Detail & Accuracy

- Teamwork & Collaboration

- Adaptability