Rishu Anand

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Summary

Detail-oriented Data Analyst with a strong foundation in SQL, Python, Excel, and Power BI. Skilled in data analysis, data visualization, dashboard development, exploratory data analysis (EDA), statistical analysis, and machine learning, gained through projects and internships. Experienced in extracting insights from large datasets and supporting data-driven business decisions in fast-paced environments.

Skills

Programming & Querying: Python, Data Structures and Algorithms, SQL
Data Analysis: SQL, Advanced Excel, Python (Pandas, NumPy), Data Cleaning, EDA
Visualization & BI: Power BI, KPI Dashboards, Data Storytelling, Tableau
Machine Learning: Regression Models, Feature Engineering, Model Evaluation
Tools & Platforms: MySQL, Flask API, Postman, GitHub

Experience

Project Design Intern   **August 2024 – October 2024**
Maven Silicon Softech Pvt. Ltd   *Tools Used: Auto-CAD, MS Excel, MATLAB*

- **Studied electrical calibration concepts and high-voltage engineering** principles through structured online training modules.
- Analyzed EHV transmission systems and substation layouts using design documentation and case studies.
- Studied installation, wiring, and calibration workflows for electrical and electronic components used in power systems.
- Worked with schematics, protection logic, and control system concepts used in power infrastructure projects.

Projects

E-commerce Sales Analysis (BI, Data Analytics) | *Python, SQL, Power BI,*   **September 2025 – October 2025**

- **Analyzed Flipkart sales data using SQL and Excel** for data extraction, cleaning, and KPI calculations.
- Performed data preprocessing and trend analysis with Python (Pandas, NumPy) on large-scale datasets.
- Developed interactive Power BI dashboards to visualize sales performance across products, customers, and regions.
- Generated actionable insights on revenue growth, return rates, and customer segmentation to support business decisions.
- Enabled region-wise and product-level optimization through dynamic KPIs, filters, and geographic performance mapping.

House Price Prediction Using Machine Learning | *Python, ML*   **August 2025 – September 2025**

- Performed EDA, data cleaning, and feature engineering on housing data sourced from Kaggle.
- Built and evaluated multiple regression models, selecting the best-performing model based on evaluation metrics.
- Developed an end-to-end ML pipeline for consistent preprocessing and price prediction.
- Exposed the trained model via a Flask API to enable real-time inference, Achieved an R^2 score of 0.82 with an average prediction response time of 200 ms.

Education

Bachelor of Technology (B.Tech) – Electronics and Communication Engineering   **Graduated: 2025**
Vellore Institute Technology, Vellore, Tamil Nadu   *CGPA: 8.2 / 10*

Higher Secondary School   **Completed: 2021**
Happy Valley School, Bhagalpur, Bihar   *Percentage: 84.03*

Awards & Certifications

- **Google Data Analytics Certificate – Coursera (2025):** Completed 8 practical case studies involving SQL, data cleaning, dashboards, and presentations.

- **Top 5% in SQL Hackerrank Challenge – 2025:** Ranked among top 150 out of more than 3,000 participants for advanced SQL problem-solving.