

Soumik Acharya

Data Analyst | Data Science

+91 7364080830 soumikacharya595@gmail.com
linkedin.com/in/soumik-acharya github.com/soumik-acharya
Kolkata, India



Summary

Recently graduated B.Tech (ECE) with **3 internships**, **3 end-to-end analytics projects**, and hands-on expertise in **Python, SQL, Power BI, Tableau, and Excel VBA**. Skilled in extracting, cleaning, and analyzing complex datasets to deliver interactive dashboards and data-driven recommendations across sales and HR domains. Automated a 4-hour manual reporting process down to 20 minutes via Excel VBA and uncovered an 18% revenue gap through analytical deep-dives. Seeking an entry-level Data Analyst role to apply strong analytical thinking, technical proficiency, and a fast-learning, execution-focused mindset.

Skills

- **Languages & Query:** Python, SQL (Joins, CTEs, Window Functions, Subqueries), Excel VBA
- **BI & Visualization:** Power BI, Tableau, Advanced Excel, Google Analytics (GA4)
- **Python Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn
- **Analytics Skills:** EDA, Data Cleaning, Data Wrangling, KPI Reporting, Dashboard Design, Cohort Analysis
- **Statistics:** Hypothesis Testing, Descriptive & Inferential Statistics, A/B Testing Basics

Experience

Data Science Intern | EySystem (Remote)

Jun 2025 – Aug 2025

- Extracted and transformed datasets using **SQL joins, aggregations, and subqueries**, cutting data preparation time by **25%** and delivering clean, analysis-ready inputs.
- Conducted EDA to uncover patterns and anomalies; documented findings in **stakeholder-ready reports** with trend charts and executive summaries.
- Applied feature selection and preprocessing pipelines in Python, improving dataset quality for reliable downstream analysis.

AI/ML Intern | Edunet Foundation (Remote)

Aug 2025 – Oct 2025

- Designed data preprocessing pipelines — EDA, feature engineering, and cleaning — reducing invalid records by **30%** and ensuring reliable data for reporting workflows.
- Produced **performance summary reports** translating analytical outputs into business language for non-technical stakeholder review.

AI/ML Intern | Averixis Solution (Remote)

Mar 2025 – May 2025

- Performed EDA using Pandas/NumPy; visualized feature correlations via Matplotlib/Seaborn, surfacing **4+ data quality issues** that shaped analytical decisions.
- Produced comparative analysis reports (R^2 , MSE, F1) communicating trade-offs to stakeholders in a **structured analyst reporting format**.

Projects

Sales Data Analysis | Python, Pandas, Matplotlib, Tableau

2025

- Analyzed **50,000+ transaction records** to surface regional revenue trends; identified 3 underperforming regions contributing to an **18% revenue gap**.
- Built an interactive **Tableau dashboard** with KPI cards (revenue, margin, growth rate) and region/product drill-down filters for self-serve stakeholder insights.
- Delivered a recommendation report on high-margin product bundles and optimal promotional windows, replicating an analyst-to-stakeholder decision workflow.

HR Analytics — Attrition Analysis | Python, Pandas, Power BI

2025

- Analyzed **1,400+ employee records**; found department, overtime, and salary band explained **72% of voluntary churn** — delivered findings as an executive summary.
- Built a **Power BI dashboard** tracking headcount, attrition rate, and tenure KPIs with slicers designed for non-technical HR leadership consumption.

Automated Reporting System | Excel VBA, Advanced Excel

2025

- Built **Excel VBA macros** consolidating monthly sales reports across 5 templates, cutting manual effort from **4 hours to 20 minutes** per reporting cycle.
- Implemented dynamic data validation and auto-populated summary tables, eliminating recurring errors and standardizing report output.

Education

B.Tech — Electronics & Communication Engineering | Academy of Technology, Hooghly

2022 – 2026

Higher Secondary (Science) | Debagram S.A. Vidyapith, Nadia

2021 – 2022

Certifications

- **Data Analytics Bootcamp (30 Days)** — Novitech Pvt. Ltd., 2025
- **Python with AI Bootcamp (30 Days)** — AI for Techies, 2025
- **AI/ML Internship Certificate** — Edunet Foundation, 2025
- **AI/ML Internship Certificate** — Averixis Solution, 2025