

Shivansh Baranwal

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Professional Summary

Data Analyst skilled in SQL, Python, and Power BI, with expertise in data extraction, cleaning, EDA, ETL, and dashboard development. Experienced integrating LLMs (Gemini API) to automate data workflows and deliver actionable business insights for data-driven decision-making.

Technical Skills

Languages: SQL, Python, Java

Libraries & Frameworks: Pandas, NumPy, Matplotlib, ARIMA, LSTM

Data Concepts: Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization, Statistical Modeling

AI/ML & Automation: LLM Integration, Gemini API, Prompt Engineering

Tools & Platforms: Power BI, Snowflake, Advanced Excel, Git, GitHub, PyCharm, VS Code, n8n

Experience

Airkrit India (Edulyt India)

New Delhi, India

Data Analyst Intern

June 2026 – Present

- Cleaned, transformed, and validated **50,000+** records using **SQL** and **Python**, improving data quality for business reporting.
- Built **5+** interactive **Power BI** dashboards to track KPIs, automate reporting, and support data-driven decision making.
- Performed **EDA** using Python (**Pandas**, **NumPy**) to identify trends, anomalies, and actionable insights.
- Optimized SQL queries and automated data preprocessing, reducing report generation time by **30%** and manual effort by **40%**.

Relevant Projects

Sales Performance Analysis Dashboard

SQL, Python, Power BI

- Built an end-to-end analytics solution by extracting, cleaning, and transforming sales data using SQL, Python, and Power Query before modeling it in Power BI.
- Performed Exploratory Data Analysis (EDA) using Python to evaluate **122M+ in sales**, **12.2M+ in profit**, **7.1K+ units sold**, and **3.5K+ customer orders**, identifying key product, promotion, and regional performance trends.
- Developed an interactive Power BI dashboard comprising **20+ visualizations** and **15+ DAX** measures to analyze sales, profit, Net Sales, quantity sold, product rankings, and year-over-year business performance.

Automated AI Job Ingestion & Personalization Pipeline *n8n, Python, Gemini API, Adzuna API, Google Sheets*

- Engineered an end-to-end automated ETL pipeline using n8n to aggregate global job market data via the Adzuna API, implementing custom loop structures and wait nodes to manage strict API rate limits.
- Integrated Google Gemini LLM to dynamically parse job descriptions and automatically generate tailored resumes and cover letters based on real-time data inputs.
- Designed a deduplication and data-cleaning layer to filter out redundant listings, structuring and logging finalized professional assets into Google Sheets for optimized tracking.

Stock Market Analysis & Forecasting System

Python, SQL, Power BI, Snowflake

- Engineered predictive time-series models using ARIMA and LSTM architectures, forecasting stock price trends with **85% accuracy** and informing investment decisions.
- Optimized queries and data extraction layers across Snowflake cloud databases, reducing data latency by **20%** when processing large-scale financial datasets.
- Built interactive **Power BI** financial dashboards that consolidated **15+ core financial metrics**, reducing the time required for portfolio trend analysis by **40%**.

Education

KIET Group of Institutions — Ghaziabad, UP

Bachelor of Technology in Electronics And Communication

Expected Graduation: June 2027

Saint Dominic Savio College — Lucknow, UP

Class 12th (ICSE Board) — Score: 79%

2022

Saint Dominic Savio College — Lucknow, UP

Class 10th (ICSE Board) — Score: 87.5%

2020

Certifications & Achievements

- Achievement:** Selected for Smart India Hackathon 2025 (Department Level).
- Certification:** AWS Certified Cloud Practitioner.
- Certification:** Data Analytics Certification by Krish Naik - Udemy.