

AARYAN SINGH

Data Analyst | SQL • Power BI • Python • Excel | Mumbai

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SUMMARY

Third-year BSc Computer Science student (Ramniranjan Jhunjhunwala College, Mumbai; graduating 2027) and BSE Institute Global Data Science Program candidate. I build analytics end-to-end — Python ETL, SQL on PostgreSQL, and dashboards — on real data, with the code public on GitHub. Seeking Data Analyst internships and entry-level roles in Mumbai BFSI and product companies.

SKILLS

SQL & Databases: PostgreSQL, MySQL, Supabase, Window Functions, CTEs, Subqueries, Query Optimization, Data Modeling

Python: Pandas, NumPy, Matplotlib, Seaborn, yfinance, ETL Scripting, Data Cleaning, API Integration

BI & Reporting: Power BI, DAX, Power Query, Dashboard Design, KPI Reporting, Excel (PivotTables, VLOOKUP)

Tools & Platforms: Apache Airflow, GitHub Actions, Git & GitHub, Jupyter Notebook, VS Code, DBeaver

Analysis Foundations: Statistics, Exploratory Data Analysis (EDA), Data Quality Checks, Root Cause Analysis

PROJECTS

MarketPulse — Financial Market Data Pipeline (Live)

Python | yfinance | GitHub Actions | PostgreSQL/Supabase | Next.js

Live: market-pulse-clg.vercel.app | Code: github.com/Aryan787913/Market_pulse_clg

- Built a scheduled Python ETL (yfinance) for 50 NSE stocks, automated with GitHub Actions and loading into PostgreSQL on Supabase.
- Shipped a live Next.js dashboard with 90-day price history, a stock screener, ARIMA/XGBoost forecasts, and CSV/JSON export.

E-Commerce Sales ETL Pipeline

Python | Pandas | PostgreSQL | Apache Airflow | SQL

- Built an end-to-end ETL pipeline ingesting 100,000+ sales rows from CSV into PostgreSQL with Python.
- Orchestrated automated daily refreshes with an Apache Airflow DAG — error handling, logging, and data quality checks catching nulls, duplicates, and schema violations.
- Wrote analytical SQL (CTEs, window functions) to track revenue trends and period-over-period movement for reporting.

UPI Ecosystem Pulse (Concept project — in progress)

Power BI | Official NPCI UPI statistics

- Building a Power BI dashboard on official NPCI UPI statistics (Apr-Sep 2026) to make India's digital-payments growth visible.
- Data-quality first: re-sourced a corrupt Apr-2026 NPCI file instead of interpolating; partial months are excluded, not estimated.

CERTIFICATIONS

- Data Analytics Job Simulation — Deloitte (Forage), May 2025
- Data Visualisation: Empowering Business with Effective Insights — Tata Group (Forage), June 2025

EDUCATION

Global Data Science Program (GDSP), BSE Institute Ltd., Mumbai

Dec 2024 – Dec 2026

BSc Computer Science, Ramniranjan Jhunjhunwala College, Mumbai

Jun 2024 – Jun 2027

LANGUAGES

English — Professional Proficiency Hindi — Native Proficiency