

SYED JUNAID

Data Analyst | Data Engineering | Python | SQL | Power BI | ETL

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PROFESSIONAL SUMMARY

Data Analyst skilled in building ETL pipelines, SQL data warehouses, and Power BI dashboards on datasets exceeding **5M+ records**. Proficient in Python (Pandas, NumPy, Scikit-learn) and SQL (window functions, CTEs, star schema) for turning raw data into business-ready insights. BCA graduate, Bangalore University (2026).

TECHNICAL SKILLS

- **Languages & DB:** Python, SQL, PostgreSQL, SQLite
- **BI & Visualization:** Power BI (DAX, Data Modeling), Excel (Power Query, Pivot Tables, XLOOKUP), Tableau
- **Python Libraries:** Pandas, NumPy, Matplotlib, openpyxl, Scikit-learn
- **SQL:** Joins, CTEs, Window Functions, Subqueries, Views
- **Data Engineering:** ETL Pipelines, Star Schema, Data Warehousing, Data Validation & Cleaning
- **Analytics:** Statistical Analysis, KPI Tracking, A/B Testing, Predictive Modeling
- **AI/GenAI Integration:** Prompt Engineering, LLM API Integration (Llama 3.1), AI-Assisted Data Enrichment
- **Tools:** Jupyter, VS Code, Git, GitHub

EXPERIENCE

Data Analytics Virtual Intern | Tata Group (via Forage)

Feb 2026 – Apr 2026

- Analyzed e-commerce revenue and operational forecasting data in a corporate analytics simulation.
- Built Power BI reports turning raw transactional data into executive-ready metrics, simulating a **15% reduction** in reporting time.

PROJECTS

Enterprise AML & Financial Fraud Data Platform: Python | PostgreSQL | Pandas | Power BI

- Built an ETL pipeline processing **5M+ financial transactions** into a PostgreSQL star schema mart, using SQL window functions and Pandas chunking for efficient transformation.
- Applied prompt engineering to speed up SQL query generation and ETL script debugging during development.
- Built a Power BI fraud dashboard surfacing high-risk transactions and reducing investigation noise.

Telco Customer Churn Prediction Model: Python | PostgreSQL | Scikit-Learn | Power BI | Excel

- Built a Random Forest model (Python, Scikit-Learn) predicting customer churn with 74% accuracy and balanced recall.
- Extracted and transformed data via PostgreSQL; used Excel for financial modeling, campaign cost calculations, and ROI projections.
- Built a Power BI dashboard highlighting churn drivers, forecasting INR 398,500 net profit through targeted retention strategies.

AI-Powered Customer Support Analytics Pipeline: Python | PostgreSQL | Llama 3.1 API | SQL | Power BI

- Automated sentiment analysis on **8,400+ support tickets** using Python and the Llama 3.1 API.
- Stored enriched results in PostgreSQL using SQL CTEs; built a Power BI layer tracking defect trends and KPIs.

Automated Python Reporting Pipeline: Python | SQLite3 | smtplib

- Automated daily retail reporting with Python, SQLite, and Pandas, eliminating manual report prep.
- Generated Excel reports from transactional databases with automated SMTP stakeholder distribution.

EDUCATION

Bachelor of Computer Applications (BCA), Bangalore University

Expected: 2026

CERTIFICATIONS

Python for Data Analysis — Simplilearn (2025)

Power BI for Beginners — Simplilearn (2025)

Business Analysis Basics — Simplilearn (2026)