

# JAISHANKAR PRASAD NIRALA

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## PROFESSIONAL SUMMARY

**Data Analyst with experience in financial data operations, KPI analysis, and reporting automation. Proven ability to analyse high-volume transactional datasets and deliver actionable business insights using SQL, Python, Power BI, and Excel.**

## TECHNICAL SKILLS

Python (Pandas, NumPy) | SQL (Joins, Aggregations, Subqueries, Window Functions)

Power BI (DAX, KPI Dashboards) | Excel (Pivot Tables, Power Query)

Data Cleaning | Exploratory Data Analysis (EDA) | KPI Reporting

## PROFESSIONAL EXPERIENCE

### Finance Assistant (Data Operations)

#### PM Modern Academy, Gaya | May 2024 – Apr 2025

- Managed financial datasets supporting INR 8–10 lakh monthly transactions
- Automated recurring financial reports using Python, reducing reporting time by 25%
- Improved data validation accuracy by 20% through structured checks
- Monitored fee collection trends, vendor payments, and departmental expenses
- Delivered data-driven financial insights to support management decisions

## PROJECTS

### Urban Air Quality & Pollution Trend Analysis (India) Tech Stack: Python, SQL, Power BI

- Analysed 50,000+ AQI records to identify seasonal and city-level pollution trends
- Performed data cleaning, transformation, and pollutant correlation analysis
- Calculated yearly growth trends and ranked high-risk cities using SQL queries
- Built interactive Power BI dashboard with KPI cards and city-level filters

### E-Commerce Sales & Customer Retention Analysis Tech Stack: SQL, Python, Power BI

- Analysed 100,000+ transaction records to evaluate revenue and profitability trends
- Calculated KPIs including MoM Growth %, Average Order Value (AOV), Retention Rate, and Profit Margin
- Performed customer segmentation and churn risk analysis using SQL
- Designed executive-level Power BI dashboard highlighting revenue leakage and high-value segments

## EDUCATION

Bachelor of Computer Applications (BCA)

Ram Lekhan Singh Yadav College, Aurangabad | 2020 – 2024

## CERTIFICATIONS

- Python & Data Analysis Certification
- Kushal Yuva Program – Govt of Bihar
- Outreach Training Program

