

# AYUSH MAURYA

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Portfolio

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## SUMMARY

Data Analyst with 4+ years of experience building SQL-driven data pipelines, analytical data models, and business reporting systems. Proven impact including 40% faster reporting, 25% reduction in data errors, and 12% cost optimization through forecasting models. Databricks Certified Data Engineer Associate with strong skills in SQL, data modeling, ETL pipelines, and relational databases.

## TECHNICAL SKILLS

**Querying & Data Manipulation:** SQL (Joins, CTEs, Window Functions), Query Optimization

**Data Modeling & Warehousing:** Star Schema, Fact-Dimension Modeling, Data Warehousing Concepts

**Data Processing & Pipelines:** ETL / ELT Workflows, Data Cleaning, Data Transformation

**Business Intelligence & Analytics:** Power BI (DAX, Power Query), Looker Studio, KPI Reporting

**Databases & Platforms:** MS SQL Server, MySQL, BigQuery

**Statistical Analysis:** Forecasting, Regression Analysis, Time Series Analysis

## PROFESSIONAL EXPERIENCE

**Data Analyst** | A.K. Infra & Reality Developers Pvt. Ltd. – Lucknow, India Dec 2023 - Present

- Designed SQL-driven **data pipelines and transformation workflows** integrating sales, finance, and operational datasets for centralized analytics.
- Structured analytical data models improving reporting efficiency by **40%** for 50+ stakeholders.
- Implemented **row-level security and optimized data relationships**, improving query efficiency and dashboard refresh performance by **30%**.
- Developed demand forecasting models enabling **12% procurement cost optimization**.
- Consolidated contractor and vendor financial records into centralized **data reconciliation models for finance analytics**.

**Junior Data Analyst** | Core Integra Consulting Services – Lucknow, India Dec 2021 – Nov 2023

- Automated SQL queries and reporting workflows improving efficiency by **30%**.
- Cleaned, transformed, and validated datasets exceeding **250,000+ records**, ensuring reporting accuracy.
- Built **KPI dashboards in Looker Studio** to improve stakeholder visibility and decision-making.
- Applied **predictive analytics and regression** modeling to improve campaign ROI by **9%**.

## PORTFOLIO PROJECT

### Retail Analytics Data Warehouse

- Designed a star-schema data warehouse architecture using SQL with fact and dimension tables.
- Built transformation queries to standardize transactional datasets for analytical processing.
- Created executive analytics reporting on revenue trends, customer segments, and product performance.

## CERTIFICATIONS

- Databricks Certified Data Engineer Associate**
- Google Data Analytics Professional Certificate – Coursera (2024)**
- Microsoft Power BI Certification – Infosys Springboard**

## EDUCATION

- M.Sc. Mathematics** – J.S University | 2023
- B.Sc. Mathematics** – J.S University | 2021
- Diploma in Electrical Engineering** – Integral University | 2018