

# Raja Ajay Kumar

Data Analyst | Business Analyst

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## Summary

Data Analyst with **3.5+ years of experience** working with **production data in ETL and reporting environments**. Strong in **SQL-based analysis, KPI validation, and dashboarding**, with hands-on experience supporting business-critical datasets, collaborating with engineering and business teams, and translating data into actionable insights. Proven ability to analyze trends, investigate anomalies, improve data reliability, and support decision-making through structured analysis and clear communication. Experienced with SQL, Power BI, Excel, Python, and data pipelines.

## Skills

- **Programming / Databases:** SQL · Python (Pandas) · Data Warehousing · Oracle Database · PostgreSQL
- **Visualization and Reporting:** Power BI · Dashboarding · Data Visualization
- **Tools:** Excel · Git · Informatica · AWS
- **Data Ops:** Data Validation · Data Cleaning · ETL Pipelines
- **Analytics:** KPI Definition · Data Quality · Exploratory Analysis · Root Cause Analysis
- **Professional:** Stakeholder Communication · Process Improvement · Documentation

## Experience

### Data / Reporting Analyst (Associate) | Cognizant

May 2022 – Present

- Applied SQL-based analysis and data validation across ETL and reporting layers, ensuring high data accuracy and reliability for business-critical dashboards.
- Used **advanced SQL (joins, CTEs, window functions)** for KPI validation, anomaly detection, and source-to-report reconciliation across revenue, risk, operations, and reliability domains.
- Enhanced and supported over **30 business and executive dashboards** in **Power BI and SSRS** by refining data models, DAX logic, and report filters.
- Developed an **end-to-end BI report** (relay lifecycle) by integrating data from multiple source systems, performing SQL-based transformation and validation, and delivering a consolidated dataset to support accurate reporting and business analysis.
- Performed structured **root cause analysis on data mismatches and reporting issues**, translating findings into corrective and preventive actions.
- Led root cause analysis of a VP-escalated year-end metric discrepancy (SAIDI) by identifying and correcting historical ticket-dimension data defects, restoring alignment across executive report, DW, and enterprise cubes.
- Supported **ETL pipelines and data warehouse** by validating data loads, investigating anomalies, and ensuring accurate downstream reporting.
- Built **SQL audit queries and data quality checks** to automate validation, reducing manual effort by **30–35%**.
- Analyzed historical operational data and incident trends to identify recurring issues, contributing to a **25% reduction in recurring incidents** through preventive fixes.
- Collaborated closely with business users to **clarify metrics, support UAT, and deliver ad-hoc analytical insights**.
- Documented analytical processes, SOPs, and validation logic to improve consistency and reporting reliability.

## Projects

- **Incident Trend Analysis (SQL, Excel):** Analyzed production incident data to identify recurring failure patterns and support preventive actions.

## Education

### Birla Institute of Technology, Mesra

Bachelors (B.Tech.) in Chemical Engineering (Plastics & Polymer)

2018 – 2022