Arvind Kumar Kumawat

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SUMMARY

Data Analyst with **6+ years** of experience delivering actionable insights across manufacturing (production & operations), e-commerce, healthcare, and insurance domains, specializing in SQL, Power BI, DAX, data modelling, production KPIs, inventory efficiency, and customer-centric analytics, with a strong track record of translating complex business needs into scalable dashboards and impactful visualizations.

TECHNICAL EXPERTISE

- Advanced Excel: Pivot Tables, advanced formulas, charts, lookups, Power Query, and data validation for analysis and reporting
- Power BI: ETL, DAX, parameters, Row-Level Security (RLS), time intelligence, and interactive dashboard development
- SQL: Complex joins, subqueries, Common Table Expressions (CTEs), variables, and stored procedures for analytical querying
- Data Analysis & Reporting: Data profiling, transformation, validation, and performance analysis
- Data Visualization: KPI design, trend analysis, drill-throughs, and storytelling with data
- Data Warehouse

FUNCTIONAL EXPERTISE

- Business Intelligence, data visualization, and data modelling to support data-driven decision-making
- Requirements analysis, data cleansing, and ETL/ELT processes for accurate and reliable reporting
- Production KPI monitoring, demand forecasting, and performance optimization
- Strong problem-solving skills with experience in database management and applied machine learning concepts
- Data governance, data quality, and compliance best practices
- Effective collaboration and communication with cross-functional stakeholders
- Experience with big data environments, cloud platforms, and analytics performance monitoring

WORK EXPERIENCE

Omnicom Media Group   Oct 2023 – Dec 2024
Specialist – Reporting & Insights

- Designed and delivered interactive Power BI dashboards to monitor equipment-level production performance, including OEE, availability, performance, and quality metrics, enabling operations teams to identify bottlenecks and reduce machine downtime by approximately 15%.
- Developed issue identification and continuous improvement dashboards to track waste, scrap, and production trends, supporting data-driven process improvements that increased throughput and reduced scrap by ~10%.
- Built alarm and event history dashboards with severity-based conditional formatting and trend analysis, empowering supervisors to take proactive corrective actions, minimizing production delays and supporting on-time delivery.
- Integrated and modeled data from multiple manufacturing systems to deliver consolidated, near real-time reporting, improving decision-making speed and production planning efficiency by ~30%.

MetLife GOSC   Nov, 2015 – Aug, 2020
Data Analyst – Group and Individual Policy Reporting

- Designed interactive Power BI dashboards covering 500K+ insurance policies, highlighting monthly policy performance, premium trends, retention, and churn metrics.

- Analyzed 5+ years of historical policy data to identify renewal patterns, churn drivers, and customer segmentation insights.
- Developed complex SQL queries using joins, GROUP BY, WINDOWS FUNCTIONS, HAVING, and nested queries to create comprehensive analytical datasets.
- Applied DAX measures, Visual Calculation to calculate retention, renewal rates, and first-time vs. repeat policyholder segments.
- Integrated policy, claims, customer, and agent data to support underwriting, claims, and sales teams, while enforcing data governance through Row-Level Security (RLS) in Power BI Service.

PROJECTS

E-commerce Sales Analysis (SQL)

- Performed end-to-end OLAP analysis on e-commerce sales data to evaluate revenue, order trends, customer behavior, and product performance across regions and categories, enabling leadership to identify high-value products and underperforming regions and drive a ~12–15% improvement in monthly sales performance.
- Developed complex SQL queries using multi-table joins, CTEs, window functions (RANK, ROW_NUMBER), subqueries, and aggregations, reducing ad-hoc analysis turnaround time by ~40% and enabling near real-time reporting for business users.
- Built time-based analytics (YoY, MoM growth, cohort analysis) to track sales performance and customer retention, helping marketing teams optimize campaigns and improve repeat customer rate by ~8–10%.
- Designed optimized analytical datasets supporting sales, marketing, and operations teams, improving report refresh time by ~30% and supporting faster pricing, inventory, and promotion decisions impacting $20M in annual revenue

Manufacturing Real-Time Production Planning (Power BI)

- Designed interactive dashboards to track equipment-wise production performance, including OEE, availability, quality, and real-time insights, enabling operations teams to identify bottlenecks and reduce machine downtime by ~15%.
- Developed issue identification and continuous improvement dashboards, monitoring waste and production trends, helping production managers improve throughput and reduce scrap by ~10%.
- Created alarm event history dashboards with conditional formatting to monitor severity and trends, allowing supervisors to take proactive corrective actions, minimizing production delays and ensuring on-time delivery.
- Integrated multiple data sources to provide consolidated, real-time reporting, improving decision-making speed and production planning efficiency by ~30%.

CERTIFICATIONS

- SQL for Data Analysis: Advanced SQL Querying Techniques – Udemy
- Microsoft Power BI Desktop: Advanced DAX for Data Analysis – Udemy

EDUCATION

BACHELOR OF SCIENCE   2009
University of Rajasthan (UOR)

PROJECT PORTFOLIO

For sample work, please visit -Home | Data Analyst (https://arvindkkumawat.github.io/github-portfolio/)