AJAY KUMAR KOTA

Senior BI Platforms and Data Architect Analyst

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SUMMARY

- Extensive experience across the BI lifecycle: requirement gathering, data analysis, modeling, dashboard development, testing, deployment, and support.
- Skilled in BI tools: QlikView, Qlik Sense, Tableau, Power BI.
- Expert in data modeling, dimensional modeling, performance optimization, and security implementation (Section Access).
- Advanced SQL scripting, ETL, DAX, and SSIS transformations.
- Strong database expertise: Microsoft SQL Server, ODBC/OLEDB, complex queries, indexing.
- Deep understanding of data warehousing, MDM, and governance best practices.
- Migrated multiple BI reports from Qlik to Power BI and Tableau to Qlik.

TECHNICAL SKILLS

- BI Tools: QlikView, Qlik Sense, Power BI, Tableau
- Databases: SQL Server (2005–2019), Redshift, Snowflake
- Languages: SQL, DAX, SSIS
- ETL: SSIS, Qlik Load Scripts, Data Quality Scripts
- Data Modeling: Star Schema, Snowflake, Fact/Dimension Tables
- Others: Git, SVN, Power BI Paginated Reports, NPrinting

EXPERIENCE

Apellis Pharma, MA
- Senior BI Platforms and Data Architect Analyst (Aug 2023 – Present)
- Led Snowflake migration, MDM integration, and BI governance.
- Designed robust ETL pipelines and job orchestration.
- Oversaw data stewardship, DDS/ODS creation, and data accuracy validation.
- Senior Business Analyst – BI (Aug 2022 – Aug 2023)
- Built report catalogs, mock-ups, dashboards, and ad-hoc visualizations.
- Migrated Tableau to Qlik; ensured performance and security compliance.
- Business Analyst – BI (Aug 2021 – Aug 2022)
- Created Qlik dashboards and conducted advanced SQL scripting.
- Designed Power BI models with multiple fact tables and custom visuals.

Biogen, MA
- Sr BI/Qlik Sense Developer (Oct 2018 – Aug 2021)
- Re-designed Qlik dashboards for better visualization and performance.
- Integrated Salesforce with Qlik; implemented security and DAX logic.

HSBC, IL
- QlikView/Qlik Sense Developer (Feb 2018 – Aug 2018)
- Developed QlikView mashups, Qlik extensions, and NPrinting reports.

Goldman Sachs, NJ
- QlikView Developer (Aug 2016 – Jan 2018)
- Built self-service dashboards and optimized QVD pipelines.
- Designed star schemas and supported end-to-end QlikView lifecycle.

EDUCATION

- Master's Degree, Colorado Technical University, Denver, CO (2014–2016)
- Bachelor's Degree, Acharya Nagarjuna University, India (2010–2014)

PUBLICATIONS

- Kota, A. K. (2024). Dimensional vs Relational Data Models in Enterprise BI: Comparative Impact on Report Performance. International Journal of Trend in Research and Development, 11(6).

- Kota, A. K. (2024). Real-Time KPI Monitoring in Pharma Using Qlik Sense with Advanced Set Analysis. International Journal for Novel Research in Economics, Finance and Management.

- Kota, A. K. (2024). Designing BI Dashboards for Procurement Analytics in Pharma: Use Cases and Design Patterns. International Journal for Novel Research in Economics, Finance and Management.

- Kota, A. K. (2024). Automating Data Quality Audits through Embedded QA Scripts in BI Workflows. International Journal of Novel Research and Development, 9(8), 422–431.

- Kota, A. K. (2024). Optimizing Power BI for Live and DirectQuery Data Sources: Performance and Design Tradeoffs. International Journal of Novel Trends and Innovation, 2(11), a123–a131.

- Kota, A. K. (2023). From ETL to Analytics: Designing Reliable Pipelines for MDM-Centric Data Warehousing. International Journal of Trend in Research and Development, 10(6).

- Kota, A. K. (2023). Exploring Indexing Strategies in SQL Server to Improve BI Query Performance. International Journal of Research and Analytical Reviews (IJRAR), 10(3), 302–310.

- Kota, A. K. (2022). Implementing Power BI Row-Level Security for Cross-Departmental Access Control. International Journal of Trend in Research and Development.

- Kota, A. K. (2022). Translating Business Logic into Technical Design: Mockup-to-Metadata Model for BI Projects. International Journal of Scientific Research & Engineering Trends, 8(6).

- Kota, A. K. (2022). Leveraging Conditional Split And Lookup In SSIS For Pharma Data ETL Transformations. IJCSPUB, 12(4), 870–878.

- Kota, A. K. (2021). Bridging Data Governance and Self-Service BI: Balancing Control and Flexibility. International Journal of Trend in Research and Development, 476–480.
- Kota, A. K. (2021). Multi-Fact Table Modeling in Power BI: Enhancing Analytical Depth in Complex Pharma Dashboards. International Journal of Scientific Research & Engineering Trends, 7(6).
- Kota, A. K. (2021). Metadata-Driven Data Dictionary Implementation in Enterprise BI Frameworks. International Journal of Science, Engineering and Technology, 6(9).
- Kota, A. K. (2021). Designing Scalable Multi-Tenant BI Architectures with Role-Based Security and Section Access. International Journal of Scientific Development and Research (IJSDR), 6(11).
- Kota, A. K. (2021). Effective Use of Fast Change and Drill-Downs for Executive Insights in Visual Dashboards. International Journal of Research and Analytical Reviews (IJRAR), 8(4), 571–579.
- Kota, A. K. (2020). Integrating Salesforce with Qlik for CRM Intelligence: A Case Study Approach. International Journal of Trend in Research and Development, 264–268.
- Kota, A. K. (2020). Best Practices for BI Report Lifecycle Management: From QA to Production in Agile Environments. International Journal of Science, Engineering and Technology, 8(6).

PATENTS

Kota, A. K. (Filed).   AI-Powered Smart Drones Indian Application No. 465922-001; UK Application No. 6458252.