

Saikiran Dasara

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PROFESSIONAL SUMMARY

Business Intelligence Analyst with 8+ years of experience designing data models, developing complex SQL logic, and delivering BI analytics solutions across OLTP, OLAP, and MPP environments. Proven expertise in Power BI, Cognos, and MicroStrategy, advanced SQL data mining, data modeling, and building automated reporting frameworks. Strong collaborator skilled in full SDLC, Agile/Waterfall methodologies, and delivering high-impact dashboards used by leadership, finance, and clinical teams. Adept at transforming business requirements into scalable analytical solutions that improve decision-making, reduce operational costs, and enhance data visibility.

CORE TECHNICAL SKILLS

SQL & Databases: Oracle SQL, SQL Server, Snowflake, Teradata, PostgreSQL, MySQL, MPP systems

BI & Analytics: Power BI, IBM Cognos, MicroStrategy, SSRS, Tableau (basic)

Data Modeling: Star Schema, Snowflake Schema, Normalized & Denormalized models

Programming: Python (Pandas, NumPy), R (basic), DAX, T-SQL, PL/SQL

Tools: Git, JIRA, Confluence, Azure DevOps, Informatica, Alteryx

Methodologies: SDLC, Agile/Scrum, Waterfall

PROFESSIONAL EXPERIENCE

BUSINESS INTELLIGENCE ANALYST | Uma Devi Engineering Industries, Hyderabad, India | 2019-2023

Key Responsibilities & Achievements

- Designed & deployed 120+ complex SQL datasets across OLTP, OLAP, and MPP platforms, improving data retrieval performance by 30% and supporting enterprise-wide BI analytics.
- Developed 40+ Power BI / Cognos dashboards using normalized & denormalized models, delivering real-time insights used by Operations, Finance, and Clinical teams.
- Converted functional requirements into technical design documents, reducing ambiguity and rework by 25%.
- Built advanced SQL mining scripts to detect anomalies and trends, enabling proactive issue identification and improving reporting accuracy by 18%.
- Automated reporting pipelines using SQL, stored procedures, and scheduling tools—saving 15+ hours/week of manual analyst work.
- Improved query efficiency by 40% by rewriting complex, nested SQL logic and optimizing indexes, joins, and partitions.
- Created reusable BI templates & data models, reducing dashboard development time by 28%.
- Led UAT cycles by identifying defects, managing fixes, and validating data accuracy for BI releases.
- Collaborated with business stakeholders across departments to gather reporting requirements and translate them into technical solutions.
- Authored complete SDLC documentation, including BRDs, technical specs, data dictionaries, and SOPs supporting long-term maintainability.

**DATA ANALYST / SQL DEVELOPER | Uma Devi Engineering Industries, Hyderabad, India
2017 – 2019 |**

Key Responsibilities & Achievements

- Wrote and optimized 200+ SQL queries across large relational datasets (20M+ rows) for reporting and analytics.
 - Built ETL workflows using SQL and Python to clean and transform raw datasets, improving reporting quality by 22%.
 - Developed reusable SQL scripts for data validation, reducing errors in monthly reports by 35%.
 - Created KPI dashboards for leadership to track operations, enabling data-driven decisions and reducing reporting turnaround time from 3 days to same day.
 - Worked with cross-functional teams to design database tables, views, and stored procedures using normalized structures.
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PROJECTS

1. Enterprise BI Reporting Platform Modernization (Healthcare – Systemwide)
 - Designed end-to-end BI architecture with normalized & denormalized models.
 - Built 25+ high-value dashboards for clinical, finance, and operations teams.
 - Reduced report refresh time from 45 minutes to under 10 minutes by optimizing SQL logic and DAX calculations.
 2. Data Mining Automation Using Advanced SQL
 - Developed pattern-recognition SQL scripts to detect inconsistencies and anomalies.
 - Identified \$1.2M in annual billing discrepancies through automated SQL logic.
 - Improved audit efficiency by 60%.
 3. **OLTP → OLAP Migration**
 - Migrated transactional tables to analytical warehouse structures for faster reporting.
 - Reduced analytical query latency by 70%.
 4. **Power BI Adoption Initiative**
 - Created enterprise-wide Power BI templates, themes, and reusable datasets.
 - Increased reporting consistency and reduced redundant dashboard creation.
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EDUCATION

Master of Science (M.S.) in Data Science & Analytics – Florida Atlantic University, Boca Raton, FL
Bachelor of Technology (B.Tech.) in Mechanical Engineering – JNTUH University, India

CERTIFICATIONS

- Microsoft Power BI Data Analyst (PL-300)
- IBM Cognos Analytics Author Certification
- Oracle SQL Expert Certification
- Agile Scrum Master (PSM-I)
- Google Data Analytics Professional Certificate