AARYAN DHARMADHIKARI

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https://github.com/Dharma-aaryan |

Data & Business Intelligence Analyst with experience delivering data-driven insights in healthcare and digital industries. Strong in SQL, dashboarding (Power BI, Tableau), and stakeholder collaboration. Skilled in building scalable BI pipelines and models using modern data technologies like Snowflake, Alteryx, and Python. Adept at transforming raw data into actionable insights for decision-making. Passionate about translating business goals into technical solutions that scale.

EDUCATION

The University of Texas at Dallas   **May 2025**
Master of Science, Information Technology and Management

Savitribai Phule Pune University (SPPU),   **June 2023**
Bachelor of Engineering, Computer Engineering | Honors in Data Science

SKILLS & CERTIFICATIONS

- **Technical**: Python, Java, JavaScript, SQL (tuning & optimization), Git.
- **Database:** MySQL, MongoDB, Firebase, RDBMS, NoSQL DB, AWS (S3, Lambda), Snowflake.
- **Business Analysis**: Requirements Gathering, Process Mapping, Documentation, UAT Support
- **Data & Reporting:** SQL (Joins, Optimization), Power BI, Tableau, Alteryx, DAX, Advanced Excel (Pivot Tables, Power Query)
- **Methodologies:** Agile/Scrum, Stakeholder Management, Change Management, Cross functional teamwork
- **Other Tools:** JIRA, Confluence, SAP (Basic), ETL Concepts
- **Certifications:** AWS Cloud Practitioner, SnowPro Data Engineer Associate, Corporate Finance

PROFESSIONAL EXPERIENCE

Newgen Software Inc., Tampa, Florida| Programmer Analyst   **Feb 2025 - May 2025**
- Built SQL-powered dashboards improving operational visibility by **35%**, aligned to key KPIs.
- Developed backend logic for data reconciliation and root cause analysis, reducing errors by **20%**.
- Collaborated with stakeholders to document and refine business requirements for BI tools.
- Engineered ReactJS-based interfaces supporting interactive data workflows.

Synapse ITS Digital Consulting – APS Project. Dallas, TX| Consulting Analyst.   **Feb 2025 -May 2025**
- Led KPI workshops and translated APS process requirements into ETL pipelines, cutting manual time by **40%**.
- Built scalable data pipelines and dashboards aligned with internal testing standards and UAT metrics.
- Improved process visibility and reduced latency by **20%** through cross-functional coordination.

Scorg Technologies Private Limited, India | Data Analyst   **August 2022 - May 2023**
- Designed interactive **Power BI dashboards** tracking patient flows, resource allocation, and revenue metrics.
- Built robust ETL pipelines using Python, SQL to process 50K+ healthcare records, optimized pipelines using parallel processing and Hive queries.
- Optimized SQL queries for data validation across hospital systems, improving data accuracy.
- Identified bottlenecks and delivered insights that saved **$50K** in annual operational costs.
- Co-authored research on BI-driven healthcare delivery improvements published in conference proceedings.

Drone Acharya Aerial Innovations Limited, India |GIS Intern   **November 2022 - February 2023**
- Developed geospatial data models for drone-collected datasets; reduced data retrieval time by **20%**.
- Delivered dashboards to support $4M+ infrastructure planning through accurate GIS analysis.
- Improved field-data accuracy by **15%** through optimized reporting and storage workflows.

PROJECTS

Data-Driven Financial insights system   **August 2024 - December 2024**
- Developed **SQL-driven reporting solutions** and automated workflows for 50K+ transactions, reducing reconciliation errors by **40%** and accelerating reporting by **30%**.
- Designed executive dashboards to visualize unit-level performance across 15+ departments.

Healthcare Data Analytics Dashboard   **August 2023 - December 2023**
- Automated data processing workflows for patient records, reducing reporting turnaround times by 35%.
- Built Tableau dashboards to visualize healthcare KPIs, supporting data-driven decision-making resource allocation.

Predictive Customer Churn Analysis   **July 2022 - October 2022**
- Validated business requirements for churn forecasting; implemented **data models & predictive reports** improving retention strategy by **22%**.
- Developed retention models using Python & SQL; improved customer targeting, reducing churn by **22%**.
- Delivered **insightful visualizations and reports**, enabling senior management to prioritize high-risk customer segments.

LEADERSHIP EXPERIENCE

Envision | Vice -President | The University of Texas at Dallas.   **October 2023 - May 2025**
- Drove 25% membership growth by leading 10+ Tableau workshops, fostering data visualization skills and cross-functional collaboration for 200+ students.