

Tanay Mehendale

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SUMMARY

Business Analyst experienced in **Python**, **SQL** and **Tableau** for data processing, automation, building data visualization dashboards. Hands-on experience with **MySQL**, **SQL Server**, **AWS** for transactional data analytics. Proficient in **dashboarding**, **KPI tracking** and building solutions that improve efficiency and **customer experience**.

EXPERIENCE

Data Analyst Intern – Texas A&M University | San Jose, CA **Jul 2025 – Present**

- Created Python scripts to extract and clean 60K+ Reddit posts and comments for culture analysis research
- Developed 4 metrics to analyze cultures and visualize YoY changes in Tableau to uncover event-driven shifts

Business Intelligence Analyst – Texas A&M University | College Station, TX **Apr 2024 – May 2025**

- Built a Customer Analytics dashboard in Tableau to detect 30+ process improvement opportunities
- Tracked key metrics (CSAT, FCR, ART) to address issues and recommend 12+ web updates and 20 KB articles
- Conducted Root Cause Analysis to analyze 750+ stakeholder requests that reduced repeat inquiries by 15%
- Created 6 SOPs to document technical and process changes, reducing training time for new analysts by 30%
- Automated recurring workflows using Python, reducing weekly processing time from 5 hrs. to 1 hr.

Business Analyst – Clarios | Mumbai, India **Jan 2021 – Jun 2023**

- Analyzed 15K+ purchase orders using SQL and Tableau to provide manufacturing estimates that reduced order completion time by an average of 4.5 days
- Performed needs analysis across 30+ help tickets, reducing Avg. Resolution Time from 120 mins to 85 mins
- Recommended strategies in 12+ leadership meetings involving technical and non-technical stakeholders
- Translated 45+ business needs into technical specifications to maintain version control and change clarity
- Collaborated with QA teams for UAT of 16 feature rollouts, detecting critical issues before deployment
- Spearheaded cross-functional coordination with 5 global teams across 52+ release deployments, simplified SDLC audit process to eliminate 95% compliance breaches and reduce go-live issues by 84%

PROJECTS

Data Warehouse for Retail Analytics | [Link](#) | Skills: SQL Server, ETL, Data Modeling

- Designed a Kimball data model for SQL Server data warehouse to analyze \$600M+ retail sales patterns across 2 data marts and built 4 reports using SSRS, Power BI and Tableau

Customer Churn Analysis | [Link](#) | Tableau, Data Visualization, Dashboarding

- Analyzed churn drivers for 6,600+ telecom customers and built interactive Tableau dashboards to identify retention risks and inform targeted engagement strategies.

Agentic Quote to Cash (Q2C) Analysis | [Link](#) | Salesforce, Tableau Next, AI, CRM

- Designed a Quote-to-Cash dashboard in Tableau Next, using semantic modeling, Salesforce and Agentforce AI to trigger real-time Slack alerts when overdue invoices exceeded 30%

Point of Sale (POS) System | [Link](#) | AWS, MySQL, Data Modeling, Clustering & Replication

- Developed a POS system using MySQL on AWS EC2 to analyze 1400+ transactions, and performed database migration to NoSQL database MongoDB to optimize read performance by 45%

EDUCATION

Texas A&M University - M.S. Management Information Systems | College Station, TX **May 2025**

University of Mumbai - B.Tech. Electronics & Communications | Mumbai, India **May 2021**

SKILLS

Certifications: [AWS Solutions Architect - Associate](#), [Associate Data Engineer \(DataCamp\)](#)

Data Analysis: Exploratory Data Analysis, KPI Tracking, Data Quality, A/B Testing, Forecasting, Excel

BI & Data Engineering: Tableau, Power BI, Tableau Next, SSRS, Airflow, Apache Spark, Kafka

Programming & Databases: SQL, Python, R, Git, MySQL, PostgreSQL, MariaDB, MongoDB, Cassandra

Cloud: AWS EC2, Redshift, S3, Athena, RDS, Snowflake