

# 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

<b>Data Analyst Intern – Texas A&amp;M University   San Jose, CA</b>	<b>Jul 2025 – Present</b>
<ul style="list-style-type: none"><li>Created Python scripts to extract and clean 60K+ Reddit posts and comments for culture analysis research</li><li>Developed 4 metrics to analyze cultures and visualize YoY changes in Tableau to uncover event-driven shifts</li></ul>	
<b>Business Intelligence Analyst – Texas A&amp;M University   College Station, TX</b>	<b>Apr 2024 – May 2025</b>
<ul style="list-style-type: none"><li>Built a Customer Analytics dashboard in Tableau to detect 30+ process improvement opportunities</li><li>Tracked key metrics (CSAT, FCR, ART) to address issues and recommend 12+ web updates and 20 KB articles</li><li>Conducted Root Cause Analysis to analyze 750+ stakeholder requests that reduced repeat inquiries by 15%</li><li>Created 6 SOPs to document technical and process changes, reducing training time for new analysts by 30%</li><li>Automated recurring workflows using Python, reducing weekly processing time from 5 hrs. to 1 hr.</li></ul>	
<b>Business Analyst – Clarios   Mumbai, India</b>	<b>Jan 2021 – Jun 2023</b>
<ul style="list-style-type: none"><li>Analyzed 15K+ purchase orders using SQL and Tableau to provide manufacturing estimates that reduced order completion time by an average of 4.5 days</li><li>Performed needs analysis across 30+ help tickets, reducing Avg. Resolution Time from 120 mins to 85 mins</li><li>Recommended strategies in 12+ leadership meetings involving technical and non-technical stakeholders</li><li>Translated 45+ business needs into technical specifications to maintain version control and change clarity</li><li>Collaborated with QA teams for UAT of 16 feature rollouts, detecting critical issues before deployment</li><li>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%</li></ul>	

## PROJECTS

<b>Data Warehouse for Retail Analytics</b>   <a href="#">Link</a>   <b>Skills:</b> SQL Server, ETL, Data Modeling	
<ul style="list-style-type: none"><li>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</li></ul>	
<b>Customer Churn Analysis</b>   <a href="#">Link</a>   Tableau, Data Visualization, Dashboarding	
<ul style="list-style-type: none"><li>Analyzed churn drivers for 6,600+ telecom customers and built interactive Tableau dashboards to identify retention risks and inform targeted engagement strategies.</li></ul>	
<b>Agentic Quote to Cash (Q2C) Analysis</b>   <a href="#">Link</a>   Salesforce, Tableau Next, AI, CRM	
<ul style="list-style-type: none"><li>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%</li></ul>	
<b>Point of Sale (POS) System</b>   <a href="#">Link</a>   AWS, MySQL, Data Modeling, Clustering & Replication	
<ul style="list-style-type: none"><li>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%</li></ul>	

## EDUCATION

<b>Texas A&amp;M University - M.S. Management Information Systems</b>   <b>College Station, TX</b>	<b>May 2025</b>
<b>University of Mumbai - B.Tech. Electronics &amp; Communications</b>   <b>Mumbai, India</b>	<b>May 2021</b>

## 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