

Tanay Mehendale

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SUMMARY

Data Analyst experienced in **Python, SQL and Tableau** for data processing, automation, building data visualization dashboards. Hands-on experience with **MySQL, AWS, SQL Server** for transactional analytics. Proficient in **dashboarding, KPI tracking** and building solutions to improve efficiency. Passionate about helping teams understand patterns and act on them.

EXPERIENCE

Data Analyst Intern – Texas A&M University / Remote, San Jose, CA <i>(Python, ETL, Tableau, Pandas, Sentiment Analysis, Data Visualization)</i>	Aug 2025 – Present
<ul style="list-style-type: none">Built a Python data pipeline to clean, standardize and store 3 data sources into Amazon S3 data lake, cutting data preparation time by 40%, and helping downstream analysisCollected and processed 2M+ unstructured text records from the Reddit API, using rule-based matching to expand coverage across 25+ subredditsExamined the effect of social, political, and economic events on perception of organizations by analyzing sentiment and theme trends in Tableau to reveal clear shifts in discussion patterns over time	
Software Engineer – Clarios / Mumbai, India <i>(SQL, ERP, RCA, Debugging, Cross-functional collaboration)</i>	Jan 2021 – Jun 2023
<ul style="list-style-type: none">Developed 45+ custom ERP transactions in ABAP/SQL, optimizing data access for over 400+ usersDiagnosed and resolved 30+ technical support issues via root cause analysis, cutting average resolution time by 35%Collaborated with global teams to optimize SDLC audits and change management practices, reducing SOX compliance issues by 84% across 52+ releases	

PROJECTS

ApartmentFinder – AI Agent for Relocations Link <i>AI Agents, Google ADK, MCP, Google Cloud, Node.js</i>	
<ul style="list-style-type: none">Architected a distributed AI system using Google ADK and MCP for dynamic property search optimization	
Customer Churn Analysis Link <i>Tableau, Dashboarding, Data Visualization, Churn Prediction, KPI Analysis</i>	
<ul style="list-style-type: none">Analyzed churn behavior of 6,600 customers, correlating user attributes and churn labelsDesigned interactive Tableau dashboards that spotlighted at-risk customer segments for retention strategy planning	
Data Warehouse for Retail Analytics Link <i>SQL Server, SSMS, SSIS, ETL, Data Modeling</i>	
<ul style="list-style-type: none">Engineered a Kimball-style data warehouse using SQL Server to aggregate and model \$600M+ retail transactionsCreated actionable visualizations in SSRS, Power BI, and Tableau for business units	
Agentic Quote to Cash (Q2C) Analysis Link <i>Salesforce, Tableau Next, AI, CRM</i>	
<ul style="list-style-type: none">Implemented an agentic Q2C dashboard via Tableau Next and integrated Agentforce AI for real-time Slack alertsEnhanced visibility into overdue invoices and sales pipeline bottlenecks	
Market Basket Analysis Link <i>R, EDA, Data Mining, Association Rule Mining</i>	
<ul style="list-style-type: none">Performed association rule mining on 15K transactions to identify pairing patterns and propose 5 cross selling strategies	
ResQVision - Emergency Analytics Dashboard Link <i>React, D3.js, Node.js, HTML, CSS</i>	
<ul style="list-style-type: none">Developed dynamic D3.js dashboards in a React framework to visualize emergency dispatch metricsEnhanced rapid response planning via geospatial and time-series visualizations, reducing information delays by 60%	

EDUCATION

Texas A&M University - M.S. Management Information Systems College Station, TX	May 2025
<i>Relevant Courses: Data Visualization, Systems Analysis & Design, Data Warehousing, Data Management</i>	
University of Mumbai - B.Tech. Electronics & Communications Mumbai, India	May 2021
<i>Relevant Courses: Database Management Systems, Statistics and Computations</i>	

SKILLS

Certifications: AWS Solutions Architect , Assoc. Data Engineer , Hackathon: Google AI Agents Intensive	
Programming: SQL, Python, Java, C, C++, HTML, CSS, JavaScript, TypeScript, PostgreSQL, Git, R, Shell, Bash	
Database: MySQL, MariaDB, MongoDB, Postgres, SAP HANA, IBM DB2, Cassandra; BI: Tableau, Power BI, Excel, SSRS	
Data Analysis: Exploratory Data Analysis, KPI, A/B Testing, Time-Series Forecasting, Regression, Trend lines, Modeling	
Cloud: AWS, EC2, Athena, RDS, Redshift, S3, Docker; Big Data: ETL, ELT, SQL Server, SSIS, Airflow, Snowflake, Spark, Kafka	