

Tanay Mehendale

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EDUCATION

Texas A&M University <i>Master of Science in Management Information Systems</i> Courses: Advanced Data Management, Data Warehousing, Statistics & Big Data, Data Mining	College Station, TX May 2025
Sardar Patel Institute of Technology <i>Bachelor of Technology</i>	Mumbai, India May 2021

EXPERIENCE

Texas A&M University <i>Business Analyst – Student Assistant</i>	College Station, TX Apr 2024 – Jul 2024
<ul style="list-style-type: none">Automated data collection for 54 Google Sheets resulting in a 60% reduction in manual workload by using Google Apps Script, JavaScript and PythonStreamlined student compliance tracking by proposing and performing unit testing for a Power Automate solution, reducing weekly processing time from 6 hours to 30 minutes	
LTIMindtree <i>Senior SAP Technical Consultant</i>	Mumbai, India Jan 2021 – Jun 2023
<ul style="list-style-type: none">Enabled real-time inventory decisions, processing datasets of 100,000+ records by developing custom SAP transactions and reports using SQL and ABAPConsolidated scattered data into unified marts and enabled real-time sales analysis by implementing ETL architecture using SAP Business Warehouse with 12+ complex transformationsImproved manufacturing lead time and reduced production bottlenecks by creating Tableau dashboards to track KPIs and present insights to senior leadership for a Fortune 500 clientDelivered \$50K cost savings to the client by identifying and resolving critical data modeling inefficiencies in SAP system by proposing and implementing an optimized data designSpearheaded cross-functional coordination for release management in 52+ product releases, proposing and executing framework optimizations that reduced process breaches by 84%	

SKILLS

Certifications: EDA in SQL, Data Analytics in R, Data Visualization in Tableau, Professional Scrum Master I
Data: Exploratory Data Analysis (EDA), Statistical Analysis, A/B Testing, Dashboard creation, KPI Reporting, Business Intelligence, Extract Transform Load (ETL), Data Cleaning, Data Quality Management, Data Modeling
Tools & Languages: SQL, Python, R, Tableau, AWS Redshift, SQL Server, SSAS, SSRS, MS Excel, Power BI

PROJECTS

Data Warehouse for Retail Analytics using Microsoft SQL Server (Link)	Dec 2024
<ul style="list-style-type: none">Designed end-to-end data warehouse using Kimball approach to analyze \$600M+ retail sales patterns, processing 1M+ records across 2 data marts to enable data-driven inventory and promotion decisionsIdentified \$50K+ weekly coupon redemption and customer behavior patterns by architecting a multi-tool BI solution analyzing 6 years of retail trends, creating specialized visualizations in SSRS, SSAS and Tableau	
Fashion Image Classification System using Multi-Model ML Approach (Link)	Dec 2024
<ul style="list-style-type: none">Developed and compared 5 machine learning models for classifying 70,000+ fashion images, enabling automated product categorization that can potentially increase online sales by 45%	
Customer Churn Analysis in Tableau (Link)	Jul 2024
<ul style="list-style-type: none">Analyzed customer behavior patterns for 6,600+ telecom customers using Tableau, creating interactive dashboards to identify key factors affecting customer retentionDeveloped data visualizations to analyze customer demographics across 15+ age groups, enabling targeted customer engagement strategies and reducing customer attrition	
Point of Sale (POS) System using AWS (Link)	Nov 2023
<ul style="list-style-type: none">Built a scalable POS system on AWS EC2, incorporating dual database architecture (MariaDB and MongoDB), resulting in 30% increased operational efficiency across multiple store locations	
Market Basket Analysis in R (Link)	Jun 2019
<ul style="list-style-type: none">Leveraged R programming to analyze customer purchasing patterns across 9000+ grocery transactions and 170+ unique products that provided data-driven recommendations for cross-selling strategies	