

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 architecting 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 in AWS Redshift and enabled periodic sales analysis by implementing ETL architecture utilizing Apache Spark 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 clientFacilitated \$50K annual cost savings to the client by identifying and resolving critical data modeling inefficiencies 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, Business Intelligence, Extract Transform Load (ETL), Data Cleaning, Data Quality Management, Data Modeling
Tools & Languages: SQL, MySQL, PostgreSQL, NoSQL, Python, R, Tableau, AWS Redshift, Apache Spark, Hadoop, GCP, BigQuery, Kafka, Airflow, SQL Server, SSIS, SSAS, SSRS, MS Excel

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 strategies for cross-selling opportunities	