

# Tanay Mehendale

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## EDUCATION

<b>Texas A&amp;M University</b> <i>Master of Science in Management Information Systems</i>	<b>College Station, TX</b> May 2025
<b>Sardar Patel Institute of Technology (University of Mumbai)</b> <i>Bachelor of Technology</i>	<b>Mumbai, India</b> May 2021

## EXPERIENCE

<b>LTIMindtree</b> <i>Data Analyst – SAP</i>	<b>Mumbai, India</b> Jan 2021 – Jun 2023
<ul style="list-style-type: none"><li>Processed 100K+ records using SQL and ABAP to build custom reports, resolving 18% data inconsistencies and improving decision accuracy across business units</li><li>Built a Spark ETL pipeline to unify 7 regional data sources in AWS Redshift data warehouse, reducing weekly reporting time by 65% and improving data reliability for 5 business teams</li><li>Defined 4 KPIs for fulfillment cycle time and backlog aging to support tracking of order flow and backlog</li><li>Developed Tableau dashboards to analyze sales throughput and fulfillment KPIs, supporting analytics teams in surfacing insights that improved order lead time by 17% for a Fortune 500 client</li><li>Presented insights in 12+ leadership meetings involving technical and non-technical stakeholders, suggested 5 process changes in manufacturing and sales based on fulfillment and backlog trends</li><li>Initiated a data model redesign to resolve duplication and relationship issues in reporting tables, reducing reporting errors by 35% and improving dashboard performance by 40%</li><li>Spearheaded cross-functional coordination with global teams across 52+ product releases, simplified SDLC audit process to eliminate 40+ compliance breaches and reduce release issues by 84%</li></ul>	
<b>Texas A&amp;M University</b> <i>Business Analyst – Graduate Assistant</i>	<b>College Station, TX</b> Apr 2024 – May 2025
<ul style="list-style-type: none"><li>Automated processing and validation of 54 raw files using Python to reduce manual workload by 60%</li><li>Designed a Power Automate workflow to streamline student compliance tracking, cutting weekly processing time from 6 hours to 30 minutes</li><li>Coached students on process modeling, data modeling, and requirements gathering as part of ISTM 310 Business Systems Analysis &amp; Design coursework</li><li>Conducted a seminar on data storytelling and dashboard best practices for the course ISTM 489 ‘Designing and Reporting Information’</li></ul>	

## SKILLS

**Programming & Databases:** SQL, Python, R, Git, MySQL, PostgreSQL, MariaDB, MongoDB  
**Data Analysis & Management:** Exploratory Data Analysis (EDA), KPI Tracking, Data Cleaning, Data Quality, Data Modeling (Relational & NoSQL), Business Process Analysis, A/B Testing, Data Storytelling  
**Platforms:** AWS Redshift, AWS EC2, S3, Apache Spark, SQL Server, Linux, GCP (BigQuery), Snowflake  
**BI Reporting Tools:** Tableau, PowerBI, SSRS

## PROJECTS

<b>Data Warehouse for Retail Analytics using Microsoft SQL Server (<a href="#">Link</a>)</b>	<b>Dec 2024</b>
<ul style="list-style-type: none"><li>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 decisions</li><li>Identified \$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</li></ul>	
<b>ResQVision – Emergency Healthcare Analytics (<a href="#">Link</a>)</b>	<b>Dec 2024</b>
<ul style="list-style-type: none"><li>Built 3 interactive dashboards with D3.js and React to analyze 120K+ emergency response records and support dispatch teams in tracking incident trends, resource allocation, and geographic impact with 10+ filters</li></ul>	
<b>Customer Churn Analysis in Tableau (<a href="#">Link</a>)</b>	<b>Jul 2024</b>
<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>Market Basket Analysis in R (<a href="#">Link</a>)</b>	<b>Jun 2019</b>
<ul style="list-style-type: none"><li>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</li></ul>	