DHIRAJ PATEL

Minneapolis, MN | (763) 807-6135 | pate1525@umn.edu | Portfolio | LinkedIn

EDUCATION

UNIVERSITY OF MINNESOTA, Carlson School of Management,   Minneapolis, MN
Master of Science in Business Analytics   **Aug 2025**
UNIVERSITY OF MUMBAI,   Mumbai, India
Bachelor of Engineering (Electronics)   **May 2021**

EXPERIENCE

THINK360.AI**,**   Mumbai, India
Senior Data Scientist   **Apr 2023 – Aug 2024**
Product Development, Project Management & Bureau Reporting for Large-Scale Bank | Python, SQL, R, Power BI
- Developed a loan NPA (Non-Performing Asset) monitoring tool using SQL, offering in-depth analysis of loan performance & transaction history, resulting in $10mn+ monthly NPA reduction, showcased in Power BI
- Created an automated CIBIL Bureau report in Python for 3.5mn+ customers, which involved data extraction, encryption, and encoding data for informed lending decisions, facilitating borrower credit analysis
- Spearheaded data-driven customer segmentation project, generating $15mn through cross-selling
- Led a team of 5 analysts, allocating tasks, mentoring on technical best practices, ensuring high-quality outputs

Profit and Loss Report Automation & Dashboard Development for Financial Services | SAS, SQL, Power BI
- Reduced P&L report generation time from 5 days to 2 hours and improved process efficiency by 30% by designing and implementing an allocation engine for operational expenses using SAS
- Developed and deployed three Power BI dashboards to track multi-year P&L trends and KPIs, increasing financial reporting accuracy by 25% and reducing decision-making time by 40%

Data Scientist   **Jul 2021 – Mar 2023**
Predictive Analytics, Fraud Detection, Data Migration & Automation for Large-Scale Bank | Python, SQL, R, SSIS
- Migrated & automated 150+ business reports from T-SQL, SAS, and PL/SQL to R
- Designed and deployed a real-time fraud detection system, reducing fraudulent transactions by 30%
- Conducted in-depth code reviews to optimize SQL query performance, improving runtime efficiency by 20%

Process Automation & Financial Reporting for Global Consulting Firm | Alteryx, Tableau, Excel
- Streamlined customer data pipelines using Alteryx, reducing data processing time by 20% for a CPG client
- Built interactive Tableau dashboards for financial modeling, customer analytics, and ad hoc analysis

CLIQVENUS CONSULTING & SERVICES,   Mumbai, India
BI Developer Intern   **Jan 2021 – Jun 2021**
- Designed 4 enterprise-grade monitoring dashboards processing real-time sensor data from BMS, Access Control, and Fire Safety, enabling 24/7 incident tracking across 1000+ locations with <15-minute latency
- Redesigned data architecture & optimized ETL pipelines, achieving 35% faster dashboard performance with consistent sub-30-second refresh rates across all monitoring systems
- Engineered custom Qlik mashups using JavaScript/HTML to unify 4+ enterprise IoT data streams into a single interface, reducing cross-system analysis time by 50% and adopted as a reusable template for 5+ client deployments

LEADERSHIP

- **Tutor**, *Abhinavan Foundation (2020 - 2024)*: Provided education to 30+ underprivileged children and managed a database for foundation consisting of 200+ children and 50+ volunteers
- **Tableau Academic Ambassador**, *Salesforce (2024 - Present)*: Fostered data visualization education, impacting 100+ students and organizing 5+ workshops, driving 30% growth in Tableau adoption within academic community
- **Vice President** (Consult Club)*, University of Mumbai (2020 - 2021):* Represented college in national case study competitions and mentored 20+ junior students in effective case-solving techniques
- **Awards** *(2021-2025)*: Secured 2nd place in the Skillsay Analytics Hackathon (1800+ participants), 3rd place at the MinneAnalytics Competition (70+ teams), and earned a Tableau Analyst Badge from Tableau Software

SKILLS & CERTIFICATIONS

- **Core Competencies:** Data Modeling, Exploratory Analysis, Data Management, Statistical Analysis, Time Series Forecasting, A/B Testing, ETL, Data Visualization and Reporting, Financial Analytics
- **Tools:** SQL, Python (scikit-learn, numpy, pandas, matplotlib), R (dplyr, tidyr, ggplot2), Hadoop, Power-BI, Tableau, MS-Excel, Alteryx, SAS, AWS (Comprehend, EC2, S3, Sagemaker, Redshift), Hive, Spark, Snowflake
- **Independent Study:** IBM Data Science: Professional Certification, Coursera (Apr'20); Advanced SQL For Data Scientists (Mar'25); Python for Data Analytics & Power BI A-Z, Udemy (Jun'20)