

DHIRAJ PATEL

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EDUCATION

UNIVERSITY OF MINNESOTA, Carlson School of Management,
Master of Science in Business Analytics

Minneapolis, MN
Aug 2025

UNIVERSITY OF MUMBAI,
Bachelor of Engineering (Electronics)

Mumbai, India
May 2021

EXPERIENCE

THINK360.AI,
Senior Data Scientist

Mumbai, India
Apr 2023 – Aug 2024

Risk Analytics, Fraud Detection & Bureau Reporting for Large-Scale Bank / Python, SQL, R, Power BI

- Developed a loan NPA (Non-Performing Asset) monitoring tool using SQL & Python to identify high-risk borrowers based on delinquency patterns & transactional behavior, resulting in a \$10mn+ monthly reduction in NPAs
- Created a Python-based credit bureau reporting system for 3.5mn+ customers, automating data extraction, encryption, and Metro 2–compliant formatting to meet industry standards and enhance credit risk assessment
- Built a real-time fraud detection system, reducing fraudulent transactions by 30% through identity-linked risk modeling

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

Customer Analytics, Data Migration & Automation for Large-Scale Bank / Python, SQL, R, SSIS

- Built a customer segmentation & cross-sell uplift modeling framework, driving \$15mn in incremental revenue
- Migrated & automated 150+ business reports from T-SQL, SAS, and PL/SQL to R
- Conducted in-depth code reviews to optimize SQL query performance, improving runtime efficiency by 20%

Demand Forecasting & Product Recommendation Engine for Global Consulting Firm / Python, Alteryx, Snowflake

- Designed and deployed a product recommendation system for a retail e-commerce client using market basket analysis and Alteryx-Snowflake pipelines, resulting in a 15% uplift in sales conversion
- Built a demand forecasting model to predict SKU-level sales across regions, enabling proactive inventory planning, reducing stockouts, and improving forecast accuracy by 28% over baseline methods

CLIQVENUS CONSULTING & SERVICES,
BI Developer Intern

Mumbai, India
Jan 2021 – Jun 2021

- Designed 4 monitoring dashboards processing real-time sensor data from Building Management System, Access Control, and Fire Safety, enabling 24/7 incident tracking across 1000+ locations with <15-minute latency
- Engineered Qlik Sense mashups to unify 4+ IoT dashboards into single view, reducing cross-system analysis time by 50%
- Refined ETL pipelines to improve dashboard performance by 35%, enabling sub-30-second refresh rates

LEADERSHIP

- **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
- **Awards (2021-2025):** 2nd place in Skillsay Analytics Hackathon (1800+ participants) – **Sports Analytics**, 3rd place in MinneAnalytics Competition (70+ teams) – **Predictive Analytics**, & earned Tableau Analyst Badge from Tableau Software
- **Lead Volunteer, Abhinavan Foundation (2020 - 2024):** Provided education to 30+ underprivileged children and managed a database for foundation consisting of 200+ children and 50+ volunteers
- **Vice President, Consulting Club – University of Mumbai (2020 - 2021):** Represented college in national case study competitions and mentored 100+ junior students in effective case-solving techniques

SKILLS

- **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 (pandas, numpy, scikit-learn, matplotlib), R (dplyr, tidyr, ggplot2), Alteryx, SAS, MS Excel, Tableau, Power BI, Hadoop, Spark, Hive, Databricks, Snowflake, AWS & GCP (Cloud Platforms)
- **Independent Study:** IBM Data Science: Professional Certification, Coursera (Apr'20); Python for Data Analytics & Power BI A-Z, Udemy (Jun'20); Advanced SQL For Data Scientists, LinkedIn (Mar'25)