

KISHOR PRAJAPATI

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DATA SCIENTIST | POWER BI & ML SPECIALIST | APPLICATION & DATABASE SUPPORT

EDUCATION

Master of Technology (M.Tech) in Data Science

Manipal University Jaipur (Nov 2021 - Sep 2023) | CGPA: 8.61

Bachelor of Engineering (B.E.) in Mechatronics Engineering

SAL College of Engineering, Ahmedabad (Graduated: Sep 2020)

PROFESSIONAL EXPERIENCE

Support Engineer | Endel Digital Solutions Pvt Ltd (May 2026 - Sep 2026)

- Provided database and application support; monitored SQL Server databases, diagnosed bottlenecks, resolved SQL data errors.
- Built custom reporting queries, reconciled data discrepancies, and verified database backups and restores.

Technical Support Intern (Cloud & Linux) | Banyanz (Jan 2025 - Dec 2025)

- Administered Linux servers, managed AWS & GCP cloud VMs and storage, debugged Docker & Kubernetes runtime issues.

Customer Support Associate | Vinayak Enterprise (Nov 2023 - Dec 2024)

- Managed Tally ERP records, audited UPI/gateway payment logs, performed financial reconciliation and inventory audits.

KEY TECHNICAL PROJECTS

1. Daily Operations & Sales KPI Dashboard (Power BI Desktop, SQL Server, DAX)

- Built automated Power BI reporting model connected to SQL Server views with clean Star-Schema architecture.
- Authored DAX measures for MoM Revenue, Churn %, and Active Accounts, automating 2hr daily manual Excel reporting.

2. Client Data Migration & Reconciliation Pipeline (Python, Pandas, SQL Server)

- Engineered Python validation script standardizing mixed date formats (DD/MM vs ISO), trimming whitespace, and stripping commas.
- Automated pre-staging validation, routing corrupted/duplicate records to exceptions report to prevent batch SQL import crashes.

3. Customer Churn Analysis & Machine Learning Prediction (Python, Scikit-Learn, Pandas)

- Performed exploratory data analysis (EDA) identifying key churn drivers across subscription tenures and contract agreements.
- Preprocessed features with ColumnTransformer and trained Random Forest classifier evaluated via ROC-AUC and Confusion Matrix.

4. Industrial Motor Vibration & Sensor Anomaly Detector (Python, Scikit-Learn, Mechatronics)

- Built time-series anomaly pipeline on accelerometer vibration (X, Y, Z RMS) and thermocouple motor feeds.
- Applied Isolation Forest and ISO 10816 vibration standard thresholds to detect early bearing wear before equipment failure.

CORE TECHNICAL SKILLS

Programming & Data: Python (Pandas, NumPy, Scikit-Learn, Matplotlib), SQL (MS SQL Server, PostgreSQL), Power BI, DAX
Platforms & Tools: Linux (Ubuntu/CentOS), Docker, AWS (EC2, S3), GCP, Git, GitHub, Excel, Tally ERP