Rhydham Prajapati

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EDUCATION

Master of Science in Engineering Management | California State University   **Northridge, CA**
Courses: *Intro to Data Analytics, Database and Data Visualization, Decision Tools for Management, Supply Chain Analytics, Engineering Cost Analysis, Lean Manufacturing Systems.*   **Graduating:** *May 2025*

Bachelor of Technology in Electronics and Communication Engineering | Nirma University   **Ahmedabad, India**
Courses: *Machine Learning, Data Structures, Operating Systems, Probability and Statistics, Linear Algebra.*   **Graduated:** *May 2023*

TECHNICAL SKILLS

Programming languages: Python, C, SQL.
Frameworks and Tools: MS Excel, MySQL, Tableau, Pandas, Numpy, Matplotlib, Seaborn, Sklearn.
Skills: Database Management System, Machine Learning, Data Analytics.
Certifications: Google Data Analytics Professional Certificate, Microsoft Excel.

WORK EXPERIENCE

PIMA Controls Pvt Ltd   **January 2023 - May 2023**
Data Analyst Intern   Ahmedabad, Gujarat
- Designed and implemented a cloud-based data logging system to standardize real-time data from industrial protocols, enabling seamless integration with analytics platforms and improving operational visibility.
- Prepared and structured time-series datasets for predictive maintenance and performance monitoring, enhancing data quality and supporting data-driven decision-making.

NIFA Electronics Pvt Ltd   **June 2022 - August 2022**
Embedded System Intern   Ahmedabad, Gujarat
- Programmed ICs for servo stabilizers and Online UPS systems, ensuring compliance, cost-effective system integration, and performance optimization.
- Conducted testing, verification, and troubleshooting of embedded systems, contributing to supply chain efficiency and product reliability.

Cantex Systems Pvt Ltd   **June 2021 - June 2022**
Data Analytics Intern   Ahmedabad, Gujarat
- Handled 15+ projects and tenders for a one-stop audio-video solutions consultancy and distributor, ensuring timely execution and client satisfaction.
- Applied advanced Excel, SQL, and Tableau techniques to analyze large volumes of sales and logistics data, built dynamic dashboards, and uncovered insights that led to a 20% drop in stockouts and improved forecasting accuracy.
- Partnered with cross-functional teams to streamline operations, achieving a 15% reduction in lead time and enhancing data-driven inventory planning.

PROJECTS

Retail Sales Data Analysis using SQL ⚙   **December 2024**
- Conducted **EDA on retail sales data** to identify **top-performing branches, product lines,** and **customer trends**.
- Designed and optimized a **SQL database** to improve **data access** and enable better **business insights**.
- Engineered **time-based features** and delivered **data-driven strategies** to enhance **pricing**, **inventory**, and **promotions**.

Healthcare Data Analytics Using SQL, Excel and Tableau ⚙   **July 2024**
- **Developed an interactive Healthcare Analytics Dashboard** using **SQL, Excel, and Tableau** to analyze **patient demographics, doctor-to-patient ratios, admission types, and medical conditions**, improving **data-driven decision-making**.
- **Optimized healthcare resource allocation** by identifying trends in **test results, medication usage, and patient distribution**, enhancing **operational efficiency**.
- **Enabled real-time tracking of key healthcare metrics**, streamlining **hospital management** and improving **patient care strategies**.

HR Data Analytics using Excel and Tableau ⚙   **March 2024**
- Developed an interactive **Tableau dashboard** to analyze **employee attrition**, **job satisfaction**, and **workforce trends**, supporting **data-driven HR decisions**.
- Performed **data cleaning and pre-processing in Excel** to ensure **accuracy and consistency** in employee records.
- Created **KPI visualizations**, **attrition breakdowns**, and **department-wise insights**, delivering **strategic recommendations** to boost **retention**, **recruitment**, and **workforce management**.

Sales Insights using Power BI and SQL   **January 2024**
- **Developed an interactive Power BI dashboard** to visualize AtliQ hardware sales trends, helping stakeholders identify opportunities for a projected **7% revenue increase** in the next quarter.
- **Integrated SQL Server with Power BI**, utilizing **SQL** and **Power Query** for **efficient data extraction, transformation, and cleaning**, ensuring high-quality data for analysis.
- **Optimized data modeling with Power Pivot**, enhancing **dashboard performance and reporting efficiency**, enabling faster, data-driven decision-making.