





Rhydham Prajapati

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EDUCATION

Master of Science in Engineering Management California State University	Northridge, CA
Courses: <i>Intro to Data Analytics, Database and Data Visualization, Decision Tools for Management, Supply Chain Analytics, Engineering Cost Analysis, Lean Manufacturing Systems.</i>	Graduating: <i>May 2025</i>
Bachelor of Technology in Electronics and Communication Engineering Nirma University	Ahmedabad, India
Courses: <i>Machine Learning, Data Structures, Operating Systems, Probability and Statistics, Linear Algebra.</i>	Graduated: <i>May 2023</i>




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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">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	
<ul style="list-style-type: none">Managed end-to-end execution of over 15+ tenders and projects for leading brands like Harman/JBL and Panasonic, ensuring on-time delivery and exceeding client expectations.Leveraged Excel, SQL, and Tableau to analyze sales and logistics data, identify trends, and create dashboards that improved supply chain visibility and reduced stockouts by 20%.Streamlined procurement and logistics operations by collaborating with cross-functional teams, resulting in a 15% reduction in lead time and enhanced inventory planning.	

PROJECTS

Retail Sales Data Analysis using SQL 	December 2024
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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.	