

HIREN PATEL

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□ SUMMARY SKILLS

- A data analyst with 1.5 years of experience in data analysis and visualization seeking a challenging role in a dynamic organization.
- Organized, effective leader with meticulous attention to detail.
- Proficient in business intelligence tools such as Tableau and PowerBI, Jupyter Notebook, Google Colab
- Programming Languages: Python, SQL, R, C++, HTML
- Strong problem-solving and analytical skills
- Experienced in data preparation, including data cleaning, feature engineering, and data normalization to ensure high-quality data inputs for machine learning models.
- Developed positive leadership, organizational and interpersonal communication skills by working in different situations in work life.
- Managed multiple priorities involving requirement gathering to statistical analysis of customer data.
- Efficient in MS Office - Word, Outlook, Excel, PowerPoint, Pandas, NumPy, MS SQL Server 2019, Machine Learning, Microsoft Azure.

□ EDUCATION

- 1. Post-Graduation in Data Analytics for Business** Sep 2021 –Apr 2023
 St. Clair College, Windsor, Ontario | GPA: - 3.30/4
- 2. Bachelor of Engineering Information Technology** Aug 2016 –Aug 2020
 Gujarat Technological University, Ahmedabad | GPA: - 3.15/4

□ PROFESSIONAL EXPERIENCE

Data Analyst Intern, Sep 2020 – Aug 2021
 PETLAD SOJITRA TA. SAURAUJA UTPADAK SAHKARI MANDALI LTD., Petlad, India

- Conducted data analysis on solar energy production data to identify trends and patterns in energy generation and equipment efficiency, resulting in a 15% increase in overall system efficiency.
- Built dynamic Tableau dashboards to visualize sales trends and customer behaviors, resulting in a 15% increase in sales revenue and a 10% reduction in customer churn. Implemented data quality check to ensure accuracy and cost savings.
- Conducted market research on solar energy trends and regulations, providing recommendations to senior management on potential expansion opportunities.
- Made use of MS-Excel pivot tables to manipulate substantial amounts of data to perform in-depth Analysis, the task also involved to perform Exploratory Data Analysis, and data manipulation to produce routine reports and dashboards to help hierarchy to reduce company's cost by 20%.
- Reviewed customer behavior data to identify trends for process improvement and operational efficiency, resulting in a 15% reduction in customer complaints.
- Developed custom Python scripts to automate data extraction and preprocessing, reducing data ingestion time by 50%.
- Gained Strong written and verbal communication skills.
- Streamlined data collection processes, which reduced data entry time by 15% and made data gathering more efficient.
- Collaborated with different cross-functional teams to develop data-driven solutions to improve solar energy system performance, resulting in a 20% reduction in equipment downtime.
- Performed cost-benefit analyses on various solar energy projects, providing senior management with recommendations on investment opportunities that resulted in a 10% increase in ROI.

- Developed a predictive model to forecast solar panel outputs and compared the accuracy with previous model which resulted in 7% more accurate than previous one.
- Provided regular reports and presentations to senior management on key performance indicators related to production and customer behaviors.
- Identified and resolved data inconsistent that were causing errors in billing and customer usage tracking.
- Learned the ability to work in a team environment.

Data Analyst CO-OP,
Hatkesh Infotech Ltd., Anand, Gujarat, India

Aug 2019 – May 2020

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- Coordinated and led a team of 5 in the analysis of 7-8 projects; presented findings to senior executives using data visualization tools and dashboards, resulting in a 25% increase in funding for the data analytics department.
 - Aided in the development of a customer segmentation analysis using Python and Excel.
 - Created dashboards and reports using Tableau to visualize data and communicate insights with stakeholders to increase their business with more than 85% accuracy.
 - Performed a predictive model using python to forecast product demand, with an accuracy rate of 89%, resulted in increased customer retention rate with 20%.
 - Excellent diligence contributed to a 10% increase in sales by assisting in the development of an innovative marketing campaign.

Summer Intern,
HARISMRUTI INFOTECH SOLUTIONS, Anand, Gujarat, India

Jun 2018 – Jul 2018

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- Learned 4 key areas Hadoop infrastructure, problem-solving, decision-making skills, and the utilization of Big Data in the corporate sector.
 - Gained knowledge of PolyBase feature of MS SQL server to integrate with Hadoop Distributed File System (HDFS) to moving data for Data Processing scenario.
 - Evaluated a marketing lead MS SQL server 2017 database, categorized, and filtered 2000+ leads within a two-week period using advanced filtering techniques.
 - Optimized data pipeline performance by tuning SQL queries and implementing caching mechanisms, resulting in a 25% improvement in data processing speed.
 - Assisted 5-6 team members in data extraction, transformation, and loading using SQL and Excel.
 - Created a weekly status update session with key stakeholders to facilitate reliable connectivity across departments, reducing email threads by 50% and enhancing project transparency.
 - Conducted research on various topics and gained the ability to work with large datasets.

□ TRAININGS

- LinkedIn Learning - Python for Data Science Essential Training, LinkedIn, 2021
- Tableau Essential Training (2021), National Association of State Boards of Accountancy (NASBA), 2021, #ASpDJ_7tRfa10OA9Csm9YqmB25iR
- Agile Foundations, LinkedIn, 2022
- Data Manipulation In SQL, LinkedIn, 2022