

UZER KHATRI

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Technical Skills

Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, JavaScript, HTML, CSS

Data Analysis and Visualization: Data Analysis, Dataset Visualization, Data Visualization, Power BI, Tableau, Data Extraction

Machine Learning and Algorithms: Machine Learning Algorithms, Prediction, Simulations, Gradient Boosting, Algorithms

Data Processing and Manipulation: Data Preprocessing, Data Science, Data Collection, Feature Engineering, Data Manipulation, Excel

Visualization Tools and Libraries: Matplotlib, Seaborn

Soft Skills: Problem-Solving, Collaboration, Communication, Time Management, Adaptability

Experience

Ededge Groups

Aug 2024 – Present

Data Analyst

Vadodara, GJ

- Analyzed and interpreted datasets to provide actionable insights for training program improvements.
- Conducted data cleaning, preprocessing, and visualization to support decision-making processes.
- Developed and maintained dashboards in Tableau and Excel to track training program performance metrics.
- Mentored 50+ interns in data analysis techniques, improving their proficiency in Python, SQL, and data visualization tools.

Edu-Versity

Jan 2024 – May 2024

Data Science Intern

Bengaluru, KN

- Conducted data cleaning, preprocessing, and exploratory data analysis using Python and SQL on 5+ complex datasets..
- Built data visualization dashboards to present key insights, enabling data-driven decision-making.
- Developed and implemented machine learning models to solve real-world business problems.
- Contributed to 3 data-driven projects, applying advanced data manipulation and feature engineering techniques.

Projects

Bangalore House Price Prediction | *Python, Flask, Render, Ridge, Bootstrap*

November 2024

- Built a machine learning model using Ridge and Lasso Regression to predict house prices accurately.
- Preprocessed and analyzed datasets with Pandas, NumPy, and visualized trends using Matplotlib and Seaborn.
- Developed a web application with Flask and a responsive frontend using HTML, CSS, JavaScript, and Bootstrap.
- Deployed the application on Render, enabling real-time predictions based on user inputs.

Cab Fare Prediction using Machine Learning | *Python, Kaggle, Numpy, Linear Regression*

August 2024

- Analyzed a comprehensive Kaggle dataset with features like pickup/drop-off locations, trip duration, and time of day.
- Implemented data preprocessing, feature engineering, model selection, and evaluation for optimal results
- Explored algorithms such as linear regression, decision trees, random forests, gradient boosting, and neural networks.

Tableau Project | *Data Cleaning, Tableau*

May 2024

- Analyzed Airbnb data using Tableau to provide actionable insights for hosts and travelers.
- Designed dynamic visualizations and interactive dashboards to highlight pricing patterns, occupancy trends, and neighborhood preferences.
- Built spatial distribution maps to help hosts optimize listings and assist travelers in making informed decisions.

Education

Parul University

Nov 2020 – May 2024

Bachelor of Technology, Computer Science and Engineering with specialization in AI – CGPA: 7.35

Vadodara, GJ

Hanifa School

Apr 2018 – May 2020

Higher Secondary - Percentage: 88.2

Borsad, GJ