

# MD ARASALAN RASHEED

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As a proactive and detail-oriented undergraduate set to graduate in 2024, I possess a strong foundation in Python programming and web development, along with a passion for creative problem-solving. Eager to apply my evolving skills and contribute to a dynamic team, I am dedicated to staying at the forefront of technology trends. With a collaborative mindset and an enthusiastic approach to learning, I am poised to make a meaningful impact in a challenging and growth-oriented environment.

## PERSONAL PROJECT

Weather Forecast 2022 – 2023

Web Developer

- Developed a dynamic weather interface, fetching real-time data from Open Weather API.
- Implemented logic for dynamically presenting weather information, including temperature, humidity, and conditions, ensuring an intuitive and visually appealing display.
- Incorporated interactive features allowing users to seamlessly search for different locations and toggle between temperature units, enhancing user engagement and customization.
- Ensured a consistent and user-friendly experience across various devices by employing responsive design principles, accommodating different screen sizes and orientations.
- Technologies: HTML, CSS, JavaScript, Open Weather API

Exploratory Data Analysis on Diabetes Dataset using Python 2023

Data Analysis

- Conducted comprehensive exploratory data analysis on a diabetes dataset using Python.
- Proficiently handled data manipulation and cleaning tasks with pandas.
- Generated summary statistics and insightful visualizations using matplotlib and seaborn.
- Identified key correlations through the visualization of the correlation matrix.
- Effectively communicated findings to stakeholders, showcasing strong analytical and problem-solving skills.
- Technical Skills: Python, pandas, matplotlib, seaborn, numpy

DATA VISUALIZATION ON COVID-19 DATASET 2023 – Present

Data Visualization

- Utilized Python, pandas, and seaborn to analyze and visualize COVID-19 data.
- Successfully handled data cleaning, addressing missing values for robust analysis.
- Produced clear and informative visualizations, including a time series line plot and regional distribution of cases.

## EDUCATION

Allama Iqbal College 2021-2024

Course: B.sc (Chemistry), 68.6%

Sogra High School 2019-2021

Course: Intermediate, 66.8%

## SKILLS & OTHER

- Python
- HTML
- CSS
- Seaborn
- Matplot
- Pandas
- Problem Solving
- Data Analytics
- NumPy