

UZAIR HUSSAIN

DATA SCIENTIST

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Aspiring Data Scientist with a strong focus on delivering impactful insights and solving dynamic challenges through machine learning and data-driven methodologies. Proficient in Python, statistical analysis, and collaborative problem-solving, with a proven track record of driving results and optimizing processes in cross-functional projects.

EDUCATION

Bachelors of Engineering in Software Engineering

Nov 2021 - Present

Mehran University of Engineering and Technology, Jamshoro

- Conducting thesis using machine learning techniques for predictive modeling and team recommendations. Focused on data preprocessing, feature engineering, and analyzing patterns in complex datasets.
- Relevant Courses:** Data Structures & Algorithms, Linear Algebra & Analytical Geometry, Data Warehouse, Statistics & Probability, Agent Based Intelligent Systems, Data Science & Analytics,

SKILLS AND EXPERTISE

Technical Skills: Python, C++, Java, Pandas, NumPy, Matplotlib, Azure, AWS, GCP, SQL, Machine Learning, Data Visualization, Version Control (Git), WordPress, Shopify, and E-commerce Development.

Data Science Expertise: Predictive Modeling, Statistical Analysis, Data Wrangling, Feature Engineering, Machine Learning Algorithms, and Data Storytelling.

Soft Skills: Team Leadership, Effective Communication, Resource Management, and Collaboration.

PROFESSIONAL EXPERIENCE

RentPayy - Internship

Sep 2022 - Feb 2023

Chief Marketing Officer

- Led strategic digital initiatives, improving efficiency by 20% & reducing resource costs by 15%.
- Directed digital marketing efforts, resulting in a 30% increase in online engagement.
- Utilized data-driven insights to optimize marketing campaigns, enhancing ROI by 20%.

PROJECTS

Healthcare Insurance Cost Predictor – Built a machine learning model in Python to predict insurance costs using regression techniques. Evaluated performance with metrics like MAE and R^2 , and visualized results with Matplotlib and Seaborn. [GitHub Repo](#)

Student Performance Indicator – Built a machine learning model to predict student performance, optimizing data analysis and preprocessing steps to improve accuracy. Deployed the solution using Flask, enabling actionable insights for educators and institutions. [GitHub Repo](#)

EDA on Earthquake Dataset - Performed Exploratory Data Analysis to uncover patterns and trends in earthquake occurrences, leveraging statistical and visualization techniques to derive actionable insights and improve understanding of seismic activity.

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification
- IBM Data Science - Specialization
- Data Analysis with Python: Zero to Pandas