

Muhammad Jawwad Shah

Data Science

Motivated computer science graduate with experience in Python, machine learning, and data analysis seeking an entry-level position to contribute to organizational success. Proficient in Numpy, Pandas, Matplotlib, Seaborn, supervised and unsupervised machine learning techniques, and hyperparameter tuning.

✉ syedmuhammad1422@gmail.com

📍 Karachi, Pakistan

🐙 github.com/Jawwad011

📞 03073679011

🌐 linkedin.com/in/muhammadjawwadshah

EDUCATION

Bachelor of Computer Science (BSCS) Sindh Madressatul Islam University.

09/2018 - Present

Karachi, Pakistan

Courses

- Relevant Courses: Artificial Intelligence, Probability and Statistics, Database Management System, Natural Language Processing, Machine Learning, Data Structure and Algorithms

WORK EXPERIENCE

Data Analyst Internship Program Dev Town

07/2021 - 10/2021

Achievements/Tasks

- Analyzed large datasets using Python, Pandas, and SQL.
- Worked on various machine learning algorithms including train_test_split and feature engineering.
- Conducted exploratory data analysis and feature selection on various datasets

Machine Learning Internship Infopillar Solution

11/2021 - 12/2021

<http://www.infopillarsolution.com/>

Achievements/Tasks

- Completed flower classification and house price prediction projects.
- Conducted data analysis on the COVID-19 dataset for India.

Artificial Intelligence & Machine Learning Intern

Metafour Technologies

07/2022 - 09/2022

Pakistan

Achievements/Tasks

- Conducted exploratory data analysis and visualization on the Ames Housing Price dataset.
- Conducted exploratory data analysis and visualization on the Ames Housing Price dataset Implemented ensemble methods on Logistic Regression and Support Vector Machine
- Trained and optimized a convolutional neural network on the Cifar_10 dataset for image classification.

SKILLS

Python

SQL

Numpy

Pandas

Database

Supervised Learning

Machine Learning

Data Analysis

Statistics

Unsupervised Learning

PROJECTS

Data Analysis on Olympics Historical data

- Completed Olympics historical data analysis project with live dashboard deployed on Streamlit

Sales Prediction on Big Mart Dataset

- Completed the project with linear regression algorithm and predict 2013 sales with the model .

Linear Regression (univariate/multivariate) .CaseStudy

- The main focus of this project is to know how independent variable (X) and dependent (y) relation and after the results are calculated check the coefficient (slope) and intercept (b1) having the relation.

Statistics AB Testing Case Study

- Focus on this case study is to implement the results on the sample data with significance level to reject or failed to reject the hypothesis

CERTIFICATES

Certified Data Analyst Karachi AI (07/2023 - Present)

Completed a course covering SQL, machine learning, and statistics including hypothesis testing, AB testing, and linear regression projects

IBM Data Analysis

Coursera

Introduction to Data Analytics(Completed) , Excel Basics for Data Analysis(studying)

LANGUAGES

English

Full Professional Proficiency

Urdu

Full Professional Proficiency