

SHAHID MEHMOOD

Jr. Data Scientist | Data Analyst | Data Engineer | Business Intelligence Developer



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ABOUT

As a data scientist with more than 2 years of experience, I strongly believe that data science can have a positive impact on the world. I have expertise in analyzing data, preprocessing it, and deploying models. I am skilled in building and optimizing machine learning pipelines for various use cases and proficient in programming languages like Python. Moreover, I have a strong grasp of statistical concepts and can utilize advanced analytics to drive business outcomes.

EXPERIENCE

Data Science Intern

AI Khwarizmi Institute of Computer Science (KICS) UET Lahore

📍 Lahore Pakistan

Data Scientist with 6 months internship at AIRL KICS, UET Lahore) of experience executing data-driven solutions to increase efficiency, accuracy, and utility of internal data processing. Experienced at creating data regression models, using predictive data modeling, and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems.

Data Analyst

Cappersoft Software Company

📍 Lahore Pakistan

Data analytics is crucial in KYC to verify customer data, comply with regulations, and reduce fraud risk. It involves collecting, analyzing and processing data from various sources, using ML and NLP to detect fraud and automate the process.

EDUCATION

Bachelor of Computer Science

Virtual University of Pakistan

Programming fundamentals Java, Python, and C++, data structures, computer architecture, operating systems, databases, software engineering, and computer networks.

Data Science Certification

AI Khwarizmi Institute of Computer Science (KICS) UET Lahore

Introduction to data science process, data exploration and analysis using Python, data cleaning and preparation, machine learning principles, and ethical considerations. Effective data visualization, communication, and big data challenges

Data Science Foundations Certifications

Great Learning Academy

Data Preparation, Statistical Analysis, Machine Learning, Data Reporting and Business Understanding and Domain Knowledge

PROFESSIONAL SKILLS

- Problem-solving, critical thinking, adaptability and willingness to learn
- Experience with machine learning algorithms and techniques, Like regression, decision trees, and clustering
- Data Manipulation and Analysis: Knowledge of tools like Pandas and NumPy
- Data Cleaning and Preparation: Knowledge of techniques to clean and preprocess data, such as handling missing data, feature scaling, and outlier detection
- Statistical Analysis: Understanding of statistical concepts, Like probability distributions, hypothesis testing, and regression analysis
- Knowledge of data visualization tools such as Matplotlib, Seaborn
- Experience with machine learning libraries such as TensorFlow and Scikit-Learn

TECH STACK

Data Science Machine Learning
Data Wrangling Data Visualization
Predictive Model Big Data
Statistical Analysis Python

PROJECTS

Nestle Stock Price Prediction

99%- Accuracy

Predicting Nestle's stock price is a complex task that involves analyzing historical data, financial indicators, news articles, and market trends. Machine learning algorithms can be used for developing predictive models, but external factors such as economic conditions and political events can impact stock prices. It is important to exercise caution and consult with a financial advisor before making investment decisions based on stock price predictions.

Employee-Salary-Prediction

Simple linear regression predicts salaries using relevant features, with accuracy based on data quality and evaluated using metrics such as mean squared error.

Winner-World-Cup-Simulation Prediction

Using historical data and relevant features, a machine learning model can predict the winner of the 2022 World Cup by simulating matches and tournament outcomes, with accuracy depending on feature quality and algorithm complexity.

Hotel Booking Prediction

As a hotel booking data analyst, you analyze data on bookings, customer behavior, and revenue management to identify trends, recommend pricing changes, and collaborate with other hotel departments to achieve business goals.

Credit Card Fraud Detection Predictive Models

Credit card fraud detection predictive models use historical transaction data to identify patterns and anomalies indicating fraud, and can save billions of dollars each year by helping to detect and prevent fraudulent transactions.