

TAHREEM RASHID

Data Scientist

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SUMMARY

Recent Data Science graduate with strong analytical skills and a passion for extracting meaningful insights from complex datasets. Proficient in machine learning, statistical analysis, and data visualization. Seeking to leverage my technical skills and academic background to contribute to data-driven decision making in a challenging role.

EDUCATION

BS in Data Science

University of Punjab

2019 - 2023

- Graduated with distinction (CGPA: 3.8/4.0)
- Final Year Project: "Predictive Analytics for Healthcare Outcomes" - Developed a machine learning model to predict patient readmission rates
- Relevant Coursework: Machine Learning, Statistical Analysis, Data Mining, Big Data Analytics, Data Visualization, Database Management

Data Science Professional Certification

IBM (Coursera)

2022

- Completed comprehensive certification covering Python, data analysis, machine learning, and data visualization
- Developed portfolio projects demonstrating practical applications of data science techniques

Intermediate in Computer Science

Punjab College

2017 - 2019

- Graduated with high honors (A+ grade)
- Focused on mathematics, statistics, and computer science fundamentals
- Participated in programming competitions and data analysis projects

TECHNICAL SKILLS

Programming Languages

Python R SQL Java JavaScript

Data Science & Machine Learning

Pandas NumPy Scikit-learn TensorFlow Keras PyTorch NLTK Regression Classification
Clustering Deep Learning NLP

Data Visualization

Matplotlib Seaborn Plotly Tableau Power BI

Database & Big Data

MySQL PostgreSQL MongoDB Hadoop Spark

Tools & Platforms

Jupyter Notebook Git Docker AWS Azure Google Cloud

PROJECTS

Healthcare Predictive Analytics

2023

- Developed a machine learning model to predict patient readmission rates with 92% accuracy
- Implemented feature engineering techniques to improve model performance
- Created interactive dashboards to visualize insights for healthcare professionals
- Technologies: Python, Scikit-learn, Pandas, Matplotlib, Flask

Sentiment Analysis for Product Reviews

2022

- Built an NLP model to analyze customer sentiment from product reviews
- Achieved 88% accuracy in classifying positive, negative, and neutral sentiments
- Extracted key insights to help improve product features based on customer feedback
- Technologies: Python, NLTK, BERT, TensorFlow, Plotly

Stock Market Prediction System

2022

- Implemented LSTM neural networks to predict stock prices based on historical data
- Integrated technical indicators to improve prediction accuracy
- Created a web application for users to visualize predictions and historical trends
- Technologies: Python, Keras, Pandas, Plotly, Streamlit

E-commerce Recommendation Engine

2021

- Designed a hybrid recommendation system combining collaborative filtering and content-based approaches
- Implemented matrix factorization techniques to handle sparse user-item interaction data
- Evaluated system performance using precision, recall, and F1-score metrics
- Technologies: Python, Surprise, PySpark, MongoDB

CERTIFICATIONS

IBM Data Science Professional Certificate

Coursera

2022

Machine Learning Specialization

Stanford University (Coursera)

2022

Deep Learning Specialization

DeepLearning.AI (Coursera)

2021

SQL for Data Science

University of California, Davis (Coursera)

2021

LANGUAGES

English (Fluent)

Urdu (Native)

Punjabi (Native)