# 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

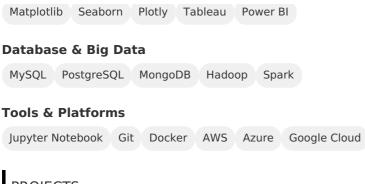
#### **Programming Languages**

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**



# **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 contentbased 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)

## **SQL** for Data Science

*University of California, Davis (Coursera)* 2021

# LANGUAGES

English (Fluent) Urdu (Native) Punjabi (Native)