

Hammad Hafeez

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Professional Summary

I am a Data Scientist with expertise in Python, SQL, Data Analytics, Data visualization, and Machine learning.

Experienced in AI/ML model development, Generative AI, LLM fine-tuning, and AI-powered application deployment.

Skilled in ETL pipelines, statistical analysis, Dashboarding (Tableau/Power BI), and cloud platforms (AWS, GCP, Azure).

Adept at collaborating with cross-functional teams to deliver data-driven solutions for business automation and strategic decision-making.

Education

University of Central Punjab, B.S Computer Science

Relevant Coursework: Data Structure & Algorithms, Database Systems, Software Design & Analysis, Artificial Intelligence, App Development

Skills

Programming: Python (Pandas, NumPy, Scikit-learn, TensorFlow), SQL, C++

Data Analysis & Visualization: Power BI, Matplotlib, Seaborn

Machine Learning: Supervised & Unsupervised Learning, Regression, Classification, Clustering

Big Data & Databases: MySQL, PostgreSQL

Development Tools: Jupyter Notebook, Visual Studio, Excel, GitHub

Work Experience

Freelance & Personal Projects:

- NLP-based sentiment tracker with interactive visual dashboards for Twitter data.
- Automated data collection and processing workflows.
- Developed interactive dashboards for data visualization.

Selected Projects

- ADHD Behavior Improvement App – ML-powered app to reduce ADHD symptoms and enhance behavior through personalized recommendations.
- Tweet Sentiment Analysis Dashboard – NLP-based sentiment tracker with interactive visual dashboards for Twitter data.
- Web Scraping & Data Collection – Automated data extraction from websites for structured analysis.
- SQL Data Analysis – Performed complex queries and data transformations to extract insights from large datasets.

Certifications & Internships

- AWS Academy Graduate – Credly (Completed)
- App Development Internship – Code Alpha (Completed)
- Data Science & Machine Learning (Self-Learning & Online Courses)
- AI & NLP Projects (Personal & Academic)

Hobbies and Interests

- Watching Cricket
- E-Gaming