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

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Education

University of Central Punjab, B.S Computer Science

Relevant Coursework (Data Structure & Algorithms, Database Systems, Software Design & Analysis, Artificial Intelligence, App Development, Information Security, Big Data , Data Science)

Skills

- **Programming:** Python (Pandas, NumPy, Scikit-learn, TensorFlow), SQL,C++
- **Data Analysis & Visualization:** Power BI, Matplotlib, Sea-born
- **Machine Learning:** Supervised & Unsupervised Learning, Regression, Classification, Clustering
- **Big Data & Databases:** MySQL, PostgreSQL
- **Development Tools:** Jupiter 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

(Python, Open-CV, TensorFlow,NLP,SQL,Power Bi)

- **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 match
- E-Gaming