MUHAMMAD USMAN KHAN

Data Analyst / Aspiring Data Scientist

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SUMMARY

Motivated BS Artificial Intelligence student with strong skills in Python, SQL, and machine learning. Proficient in Power BI for creating interactive dashboards and extracting actionable insights. Experienced in data analysis workflows, including data cleaning, transformation, and visualization. Passionate about solving real-world problems through data-driven solutions.

EDUCATION

Bachelor of Science in Artificial Intelligence
Sindh Madressatul Islam University (SMIU)
📅 09/2024 - Present   📍 Karachi, Pakistan
GPA **3.52** / 4.0

Higher Secondary Certificate (HSC), Pre-Engineering
Government Degree College SRE Majeed
📅 09/2022 - 05/2024   📍 Karachi Board, Pakistan
Percentage **72.5** / 100

Matriculation (SSC)
JS Schooling System
📅 2020 - 2022   📍 Karachi, Pakistan
Percentage **92.0** / 100

CERTIFICATIONS

Fundamentals of Power BI – DataCamp

Completed a structured track covering Power BI essentials including data importing, data transformation with Power Query, data modeling, DAX basics, and creating interactive dashboards for business insights.

SQL Fundamentals – DataCamp

Built strong SQL foundations by writing queries using SELECT, JOIN, GROUP BY, and window functions. Gained hands-on experience in data analysis and database querying.

Google AI Essentials – Coursera (by Google)

Explored core concepts of artificial intelligence, machine learning, and generative AI. Learned real-world applications, prompt engineering, and responsible AI use in modern workflows.

Supervised Learning with Scikit-Learn – DataCamp

Learned to build and evaluate machine learning models using scikit-learn. Gained experience in classification, regression, cross-validation, model tuning, and performance metrics.

EXPERIENCE

Data Analyst Intern
Elevvo Pathways
📅 08/2025 - 09/2025

Applied Excel, Python, SQL and Power BI to clean, analyse and visualise data; built interactive dashboards, performed exploratory analysis on real-world datasets and wrote advanced SQL queries to generate actionable insights

SKILLS & TOOLS

Python   C   C# (Basic)   Java (Basic)

Power BI   Numpy   Pandas   Matplotlib

Seaborn   Scikit-Learn   Streamlit   MYSQL

Jupyter Notebook   Linear Algebra

Calculus & Multivariable Calculus   Teamwork

Communication   Git / Github   Problem Solving

Machine Learning   Data Visualization

Data Cleaning   Data Analysis

PROJECTS

Spotify Streaming Dashboard
📅 08/2025 - 08/2025

Developed an interactive **Spotify Streaming Dashboard** to analyse listening habits, highlight top songs/artists, and visualise activity trends with dynamic filters.

- Tracks total songs played, total listening hours, and average playtime.
- Highlights the most played songs, top artists, and skip rates.
- Visualizes listening activity over time and by hour of day.
- Includes filters for year, month, artist, album, platform, skipped tracks, and shuffled tracks.

Pizza Sales Dashboard
📅 07/2025 - 07/2025

Pizza Sales Dashboard created to analyze pizza sales trends

- Developed an interactive Power BI dashboard to analyze pizza sales, visualizing revenue and trends to enable data-driven business decisions
- Link: Pizza Sales Dashboard

Rock vs. Mine Prediction
📅 06/2025 - 06/2025

Rock vs. Mine Prediction project using logistic regression

- Engineered a binary classification model using UCI sonar dataset to distinguish rocks from mines, achieving 85% accuracy
- Link: Rock vs Mine Prediction

Diabetes Prediction System
📅 06/2025 - 06/2025

Diabetes Prediction System for assessing risk

- Developed a predictive model for diabetes risk using data cleaning and SVM, achieving 80% accuracy
- Link: Diabetes Prediction System

Fake News Detection
📅 05/2025 - 05/2025

Fake News Detection project using TF-IDF

- Designed an NLP pipeline to classify news articles as real or fake, achieving 90% accuracy
- Link: Fake News Detection